

Program Complot  
(Version 2021-1)

by

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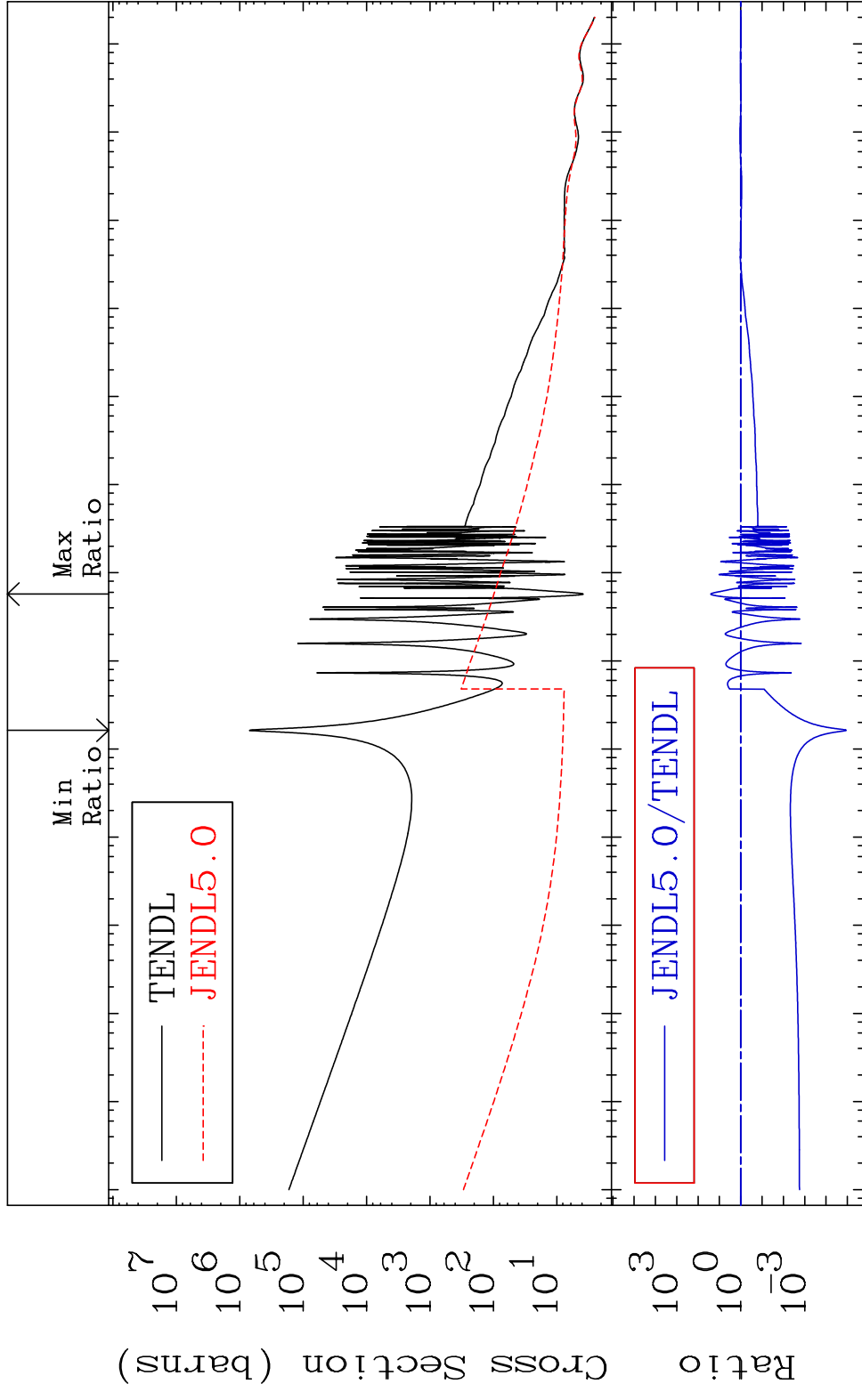
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6728

Total  
Cross Section -100.0 To 2459. %

67-Ho-166



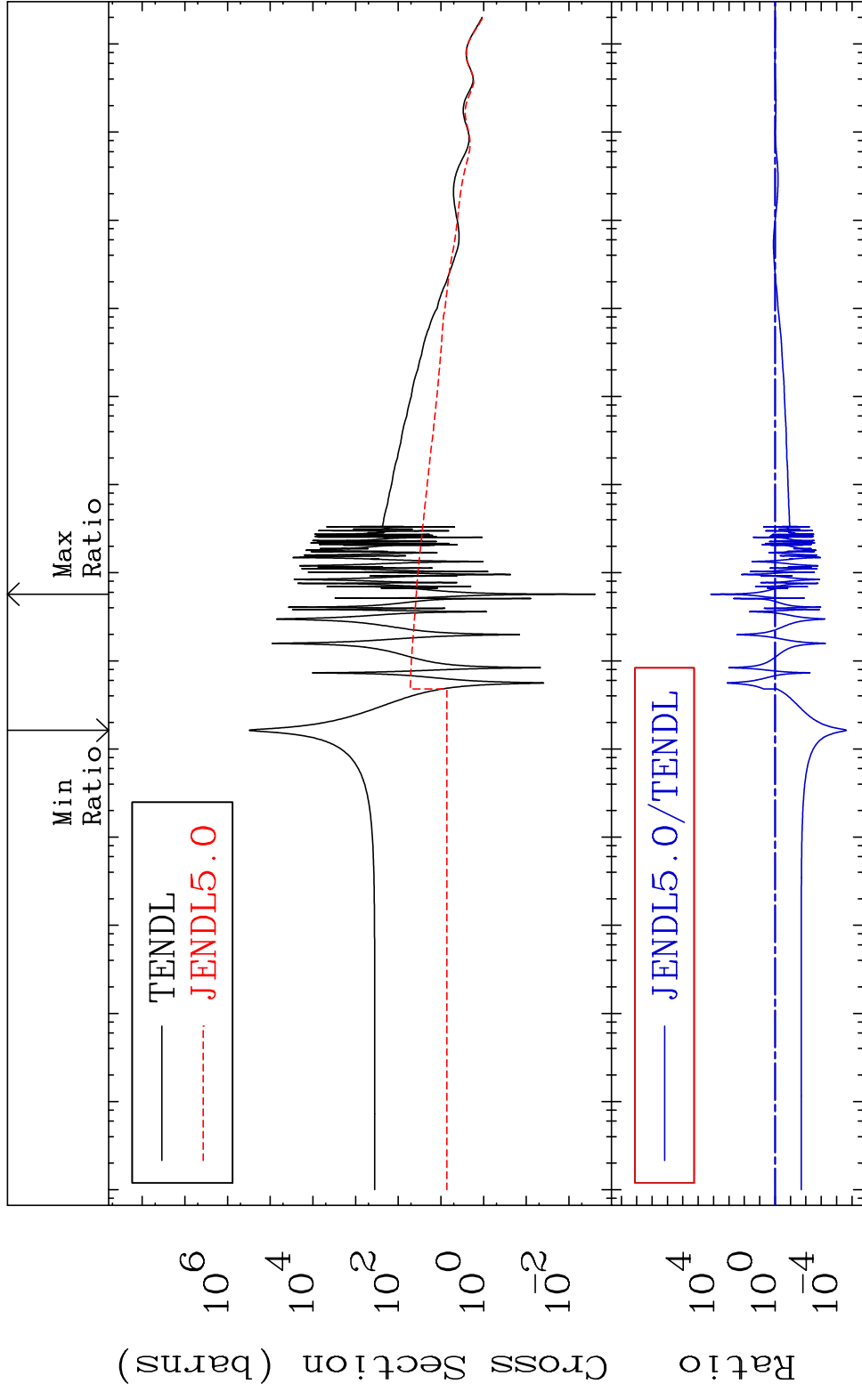
1 Incident Energy (eV) 67-Ho-166

MAT 6728

67-Ho-166

Elastic

Cross Section -100.0 To 9999. %

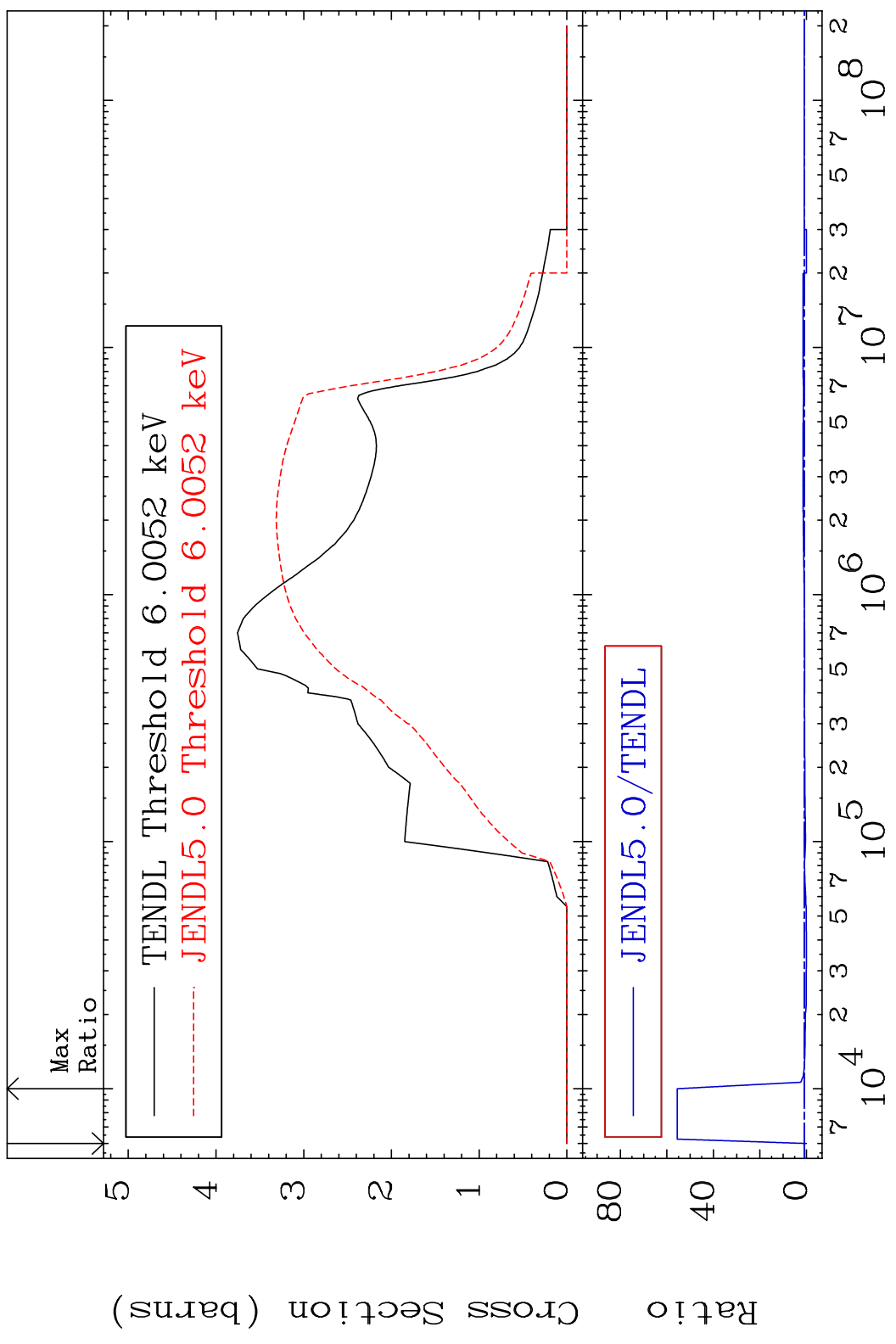


MAT 6728

Inelastic

67-Ho-166

Cross Section -100.0 To 5457. %



3

Incident Energy (eV)

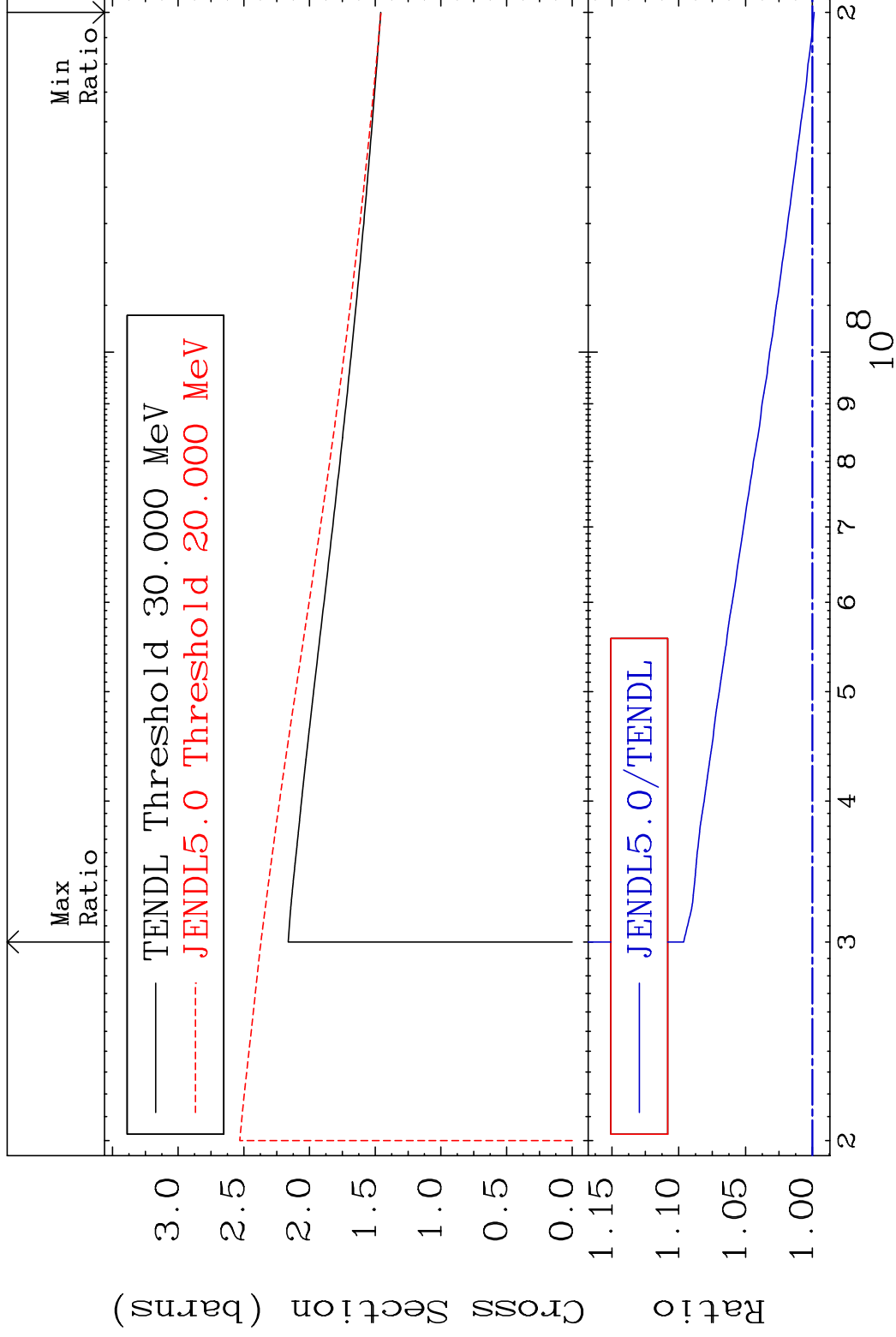
67-Ho-166

MAT 6728

(n, remainder)

67-Ho-166

Cross Section -0.125 To 9.635 %



4

Incident Energy (eV)

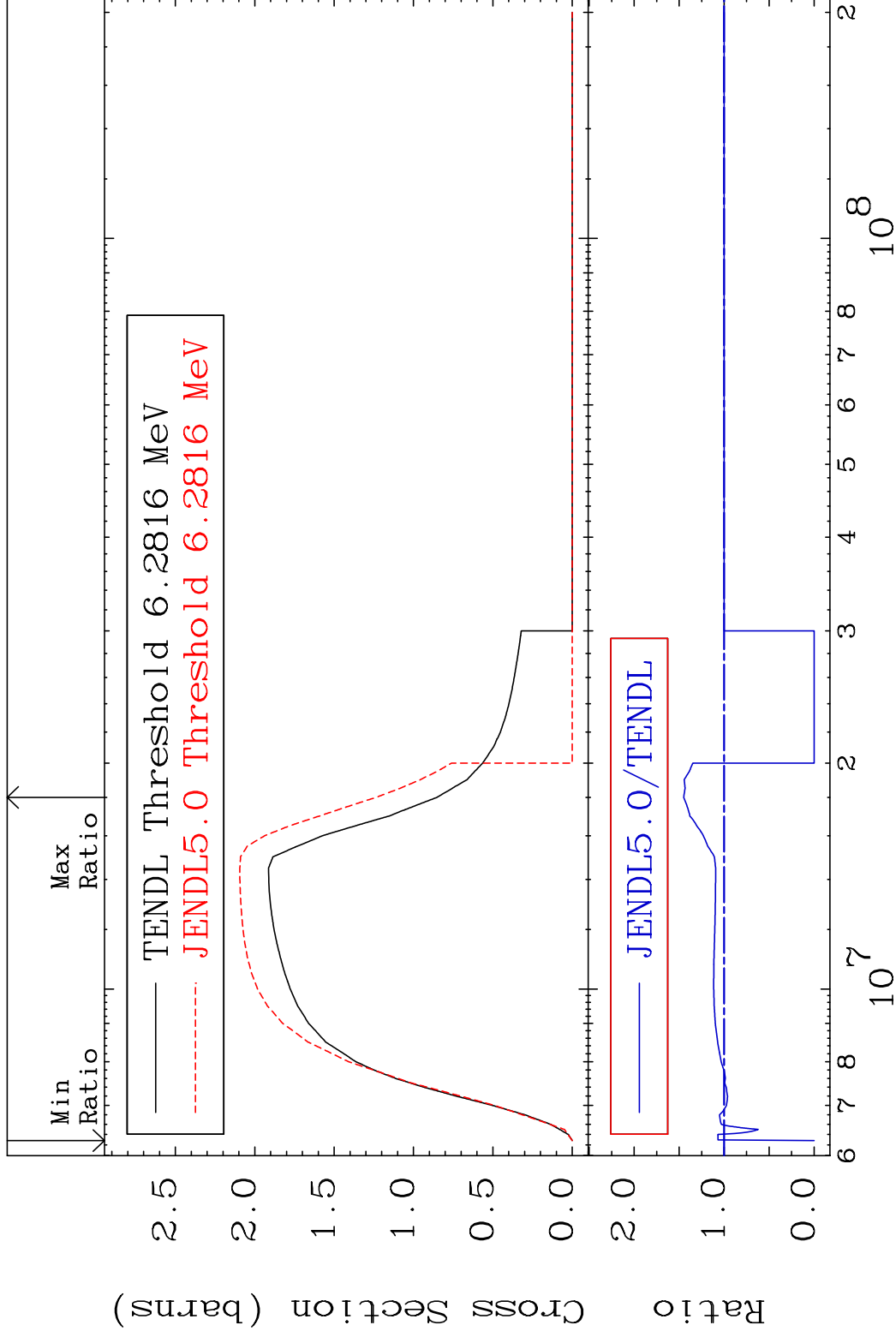
67-Ho-166

MAT 6728

(n,2n)

67-Ho-166

Cross Section -100.0 To 45.00 %



5

Incident Energy (eV)

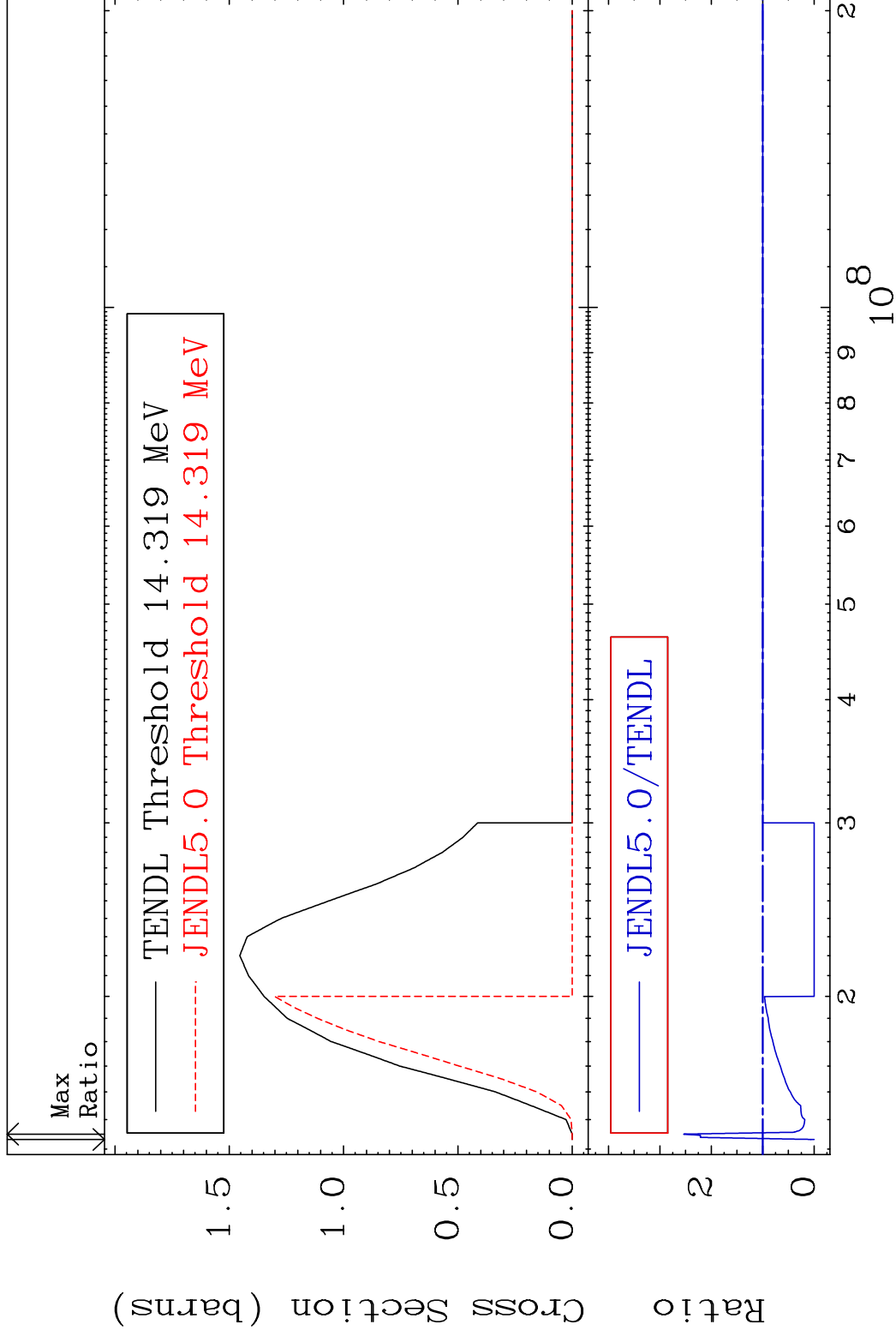
67-Ho-166

MAT 6728

(n,3n)

67-Ho-166

Cross Section -100.0 To 153.7 %



6

Incident Energy (eV)

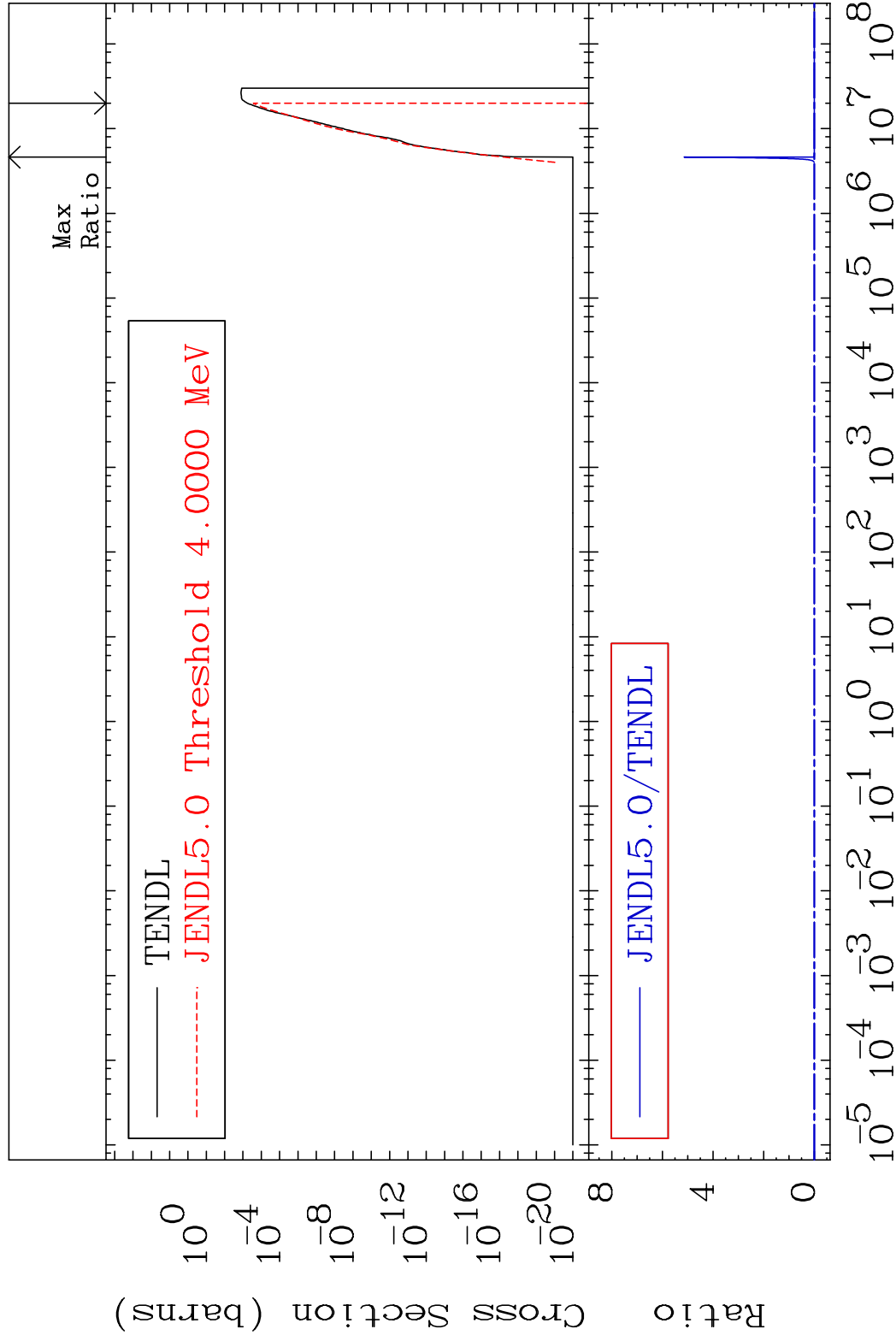
67-Ho-166

MAT 6728

(n, n')  $\alpha$

67-Ho-166

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

67-Ho-166

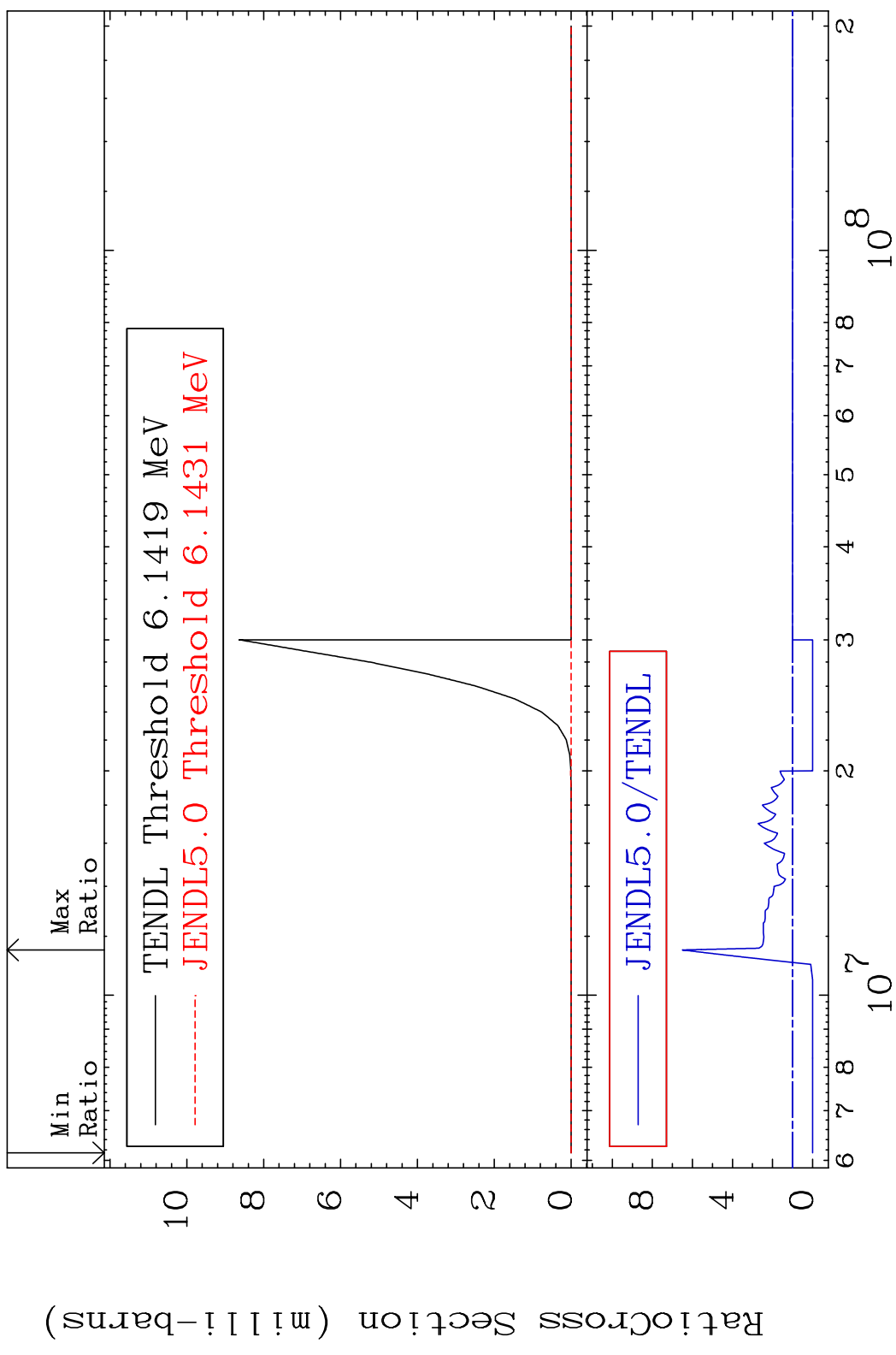


MAT 6728

(n,2n)  $\alpha$

67-Ho-166

Cross Section -100.0 To 550.4 %

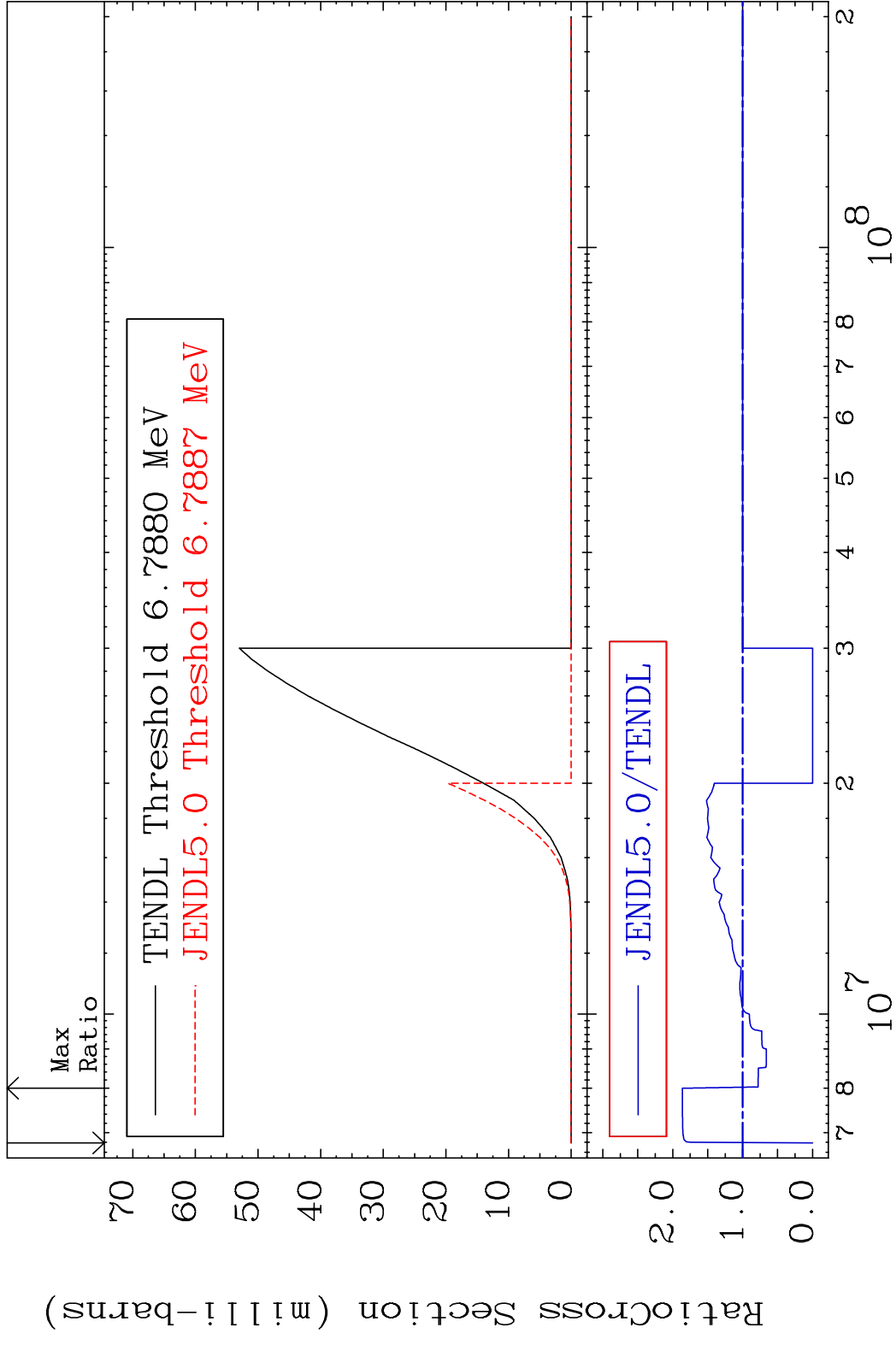


8

Incident Energy (eV)

67-Ho-166

MAT 6728 (n, n') p 67-Ho-166  
 Cross Section -100.0 To 86.23 %

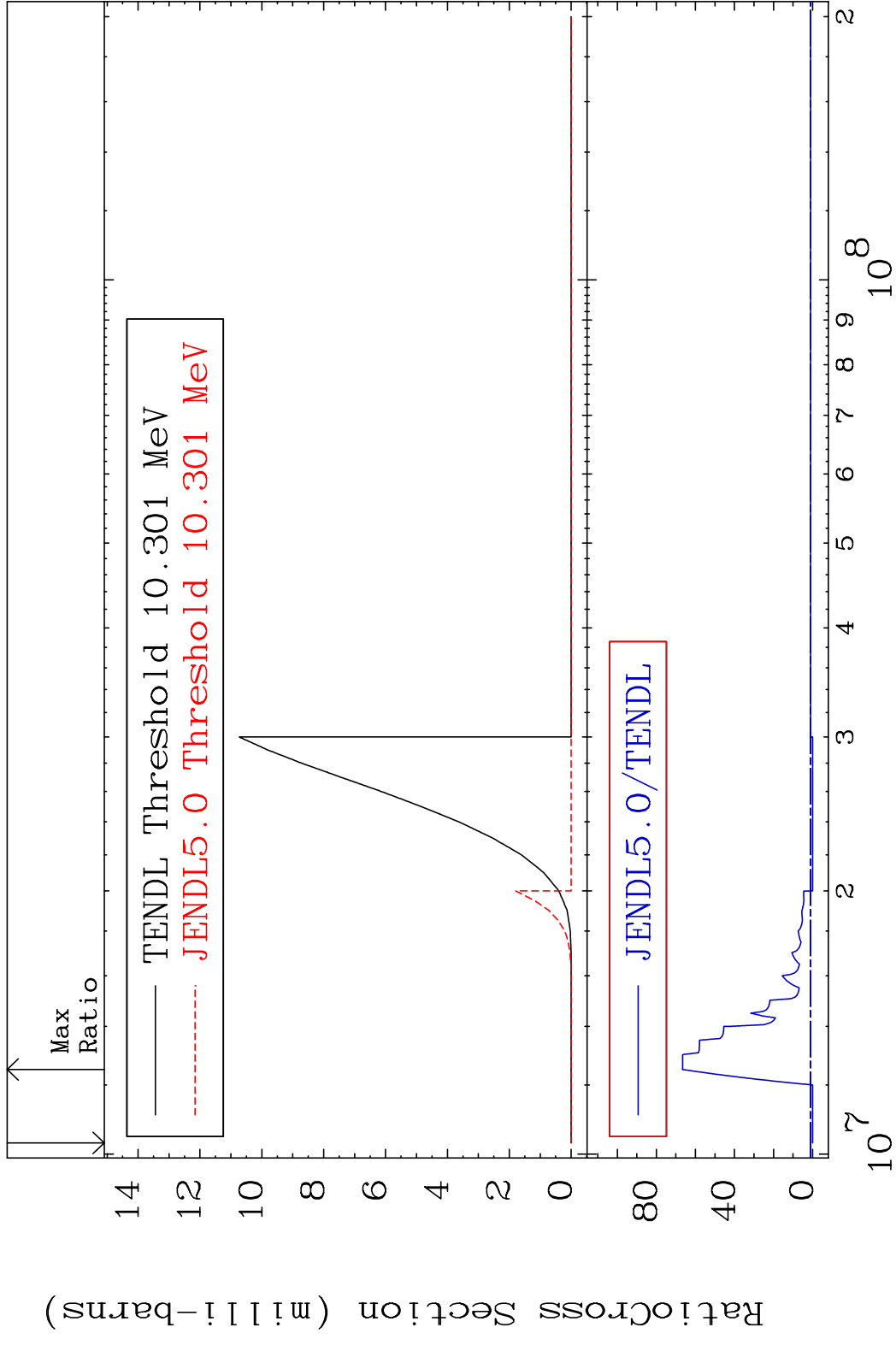


MAT 6728

(n, n') d

67-Ho-166

Cross Section -100.0 To 6568. %



10

Incident Energy (eV)

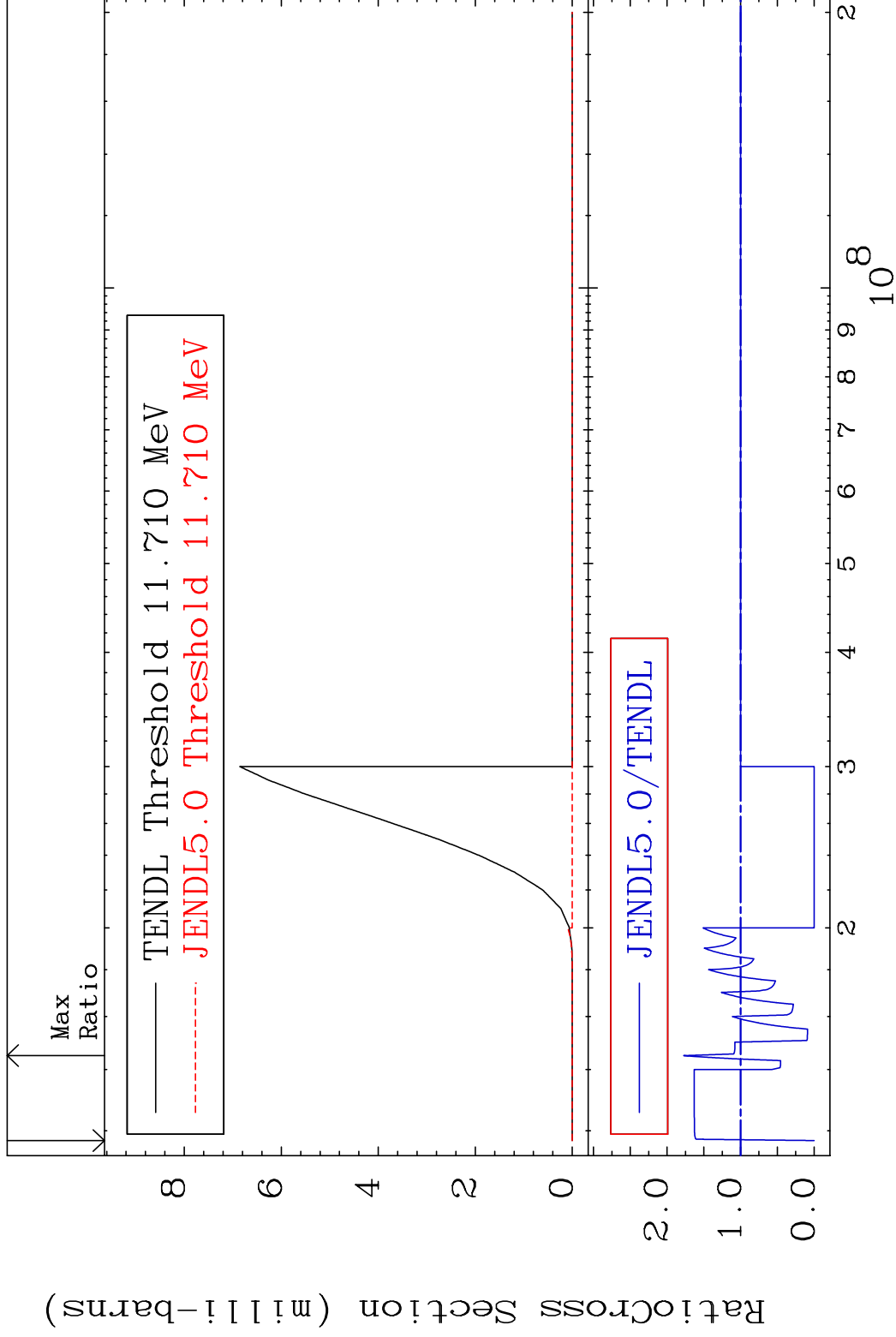
67-Ho-166

MAT 6728

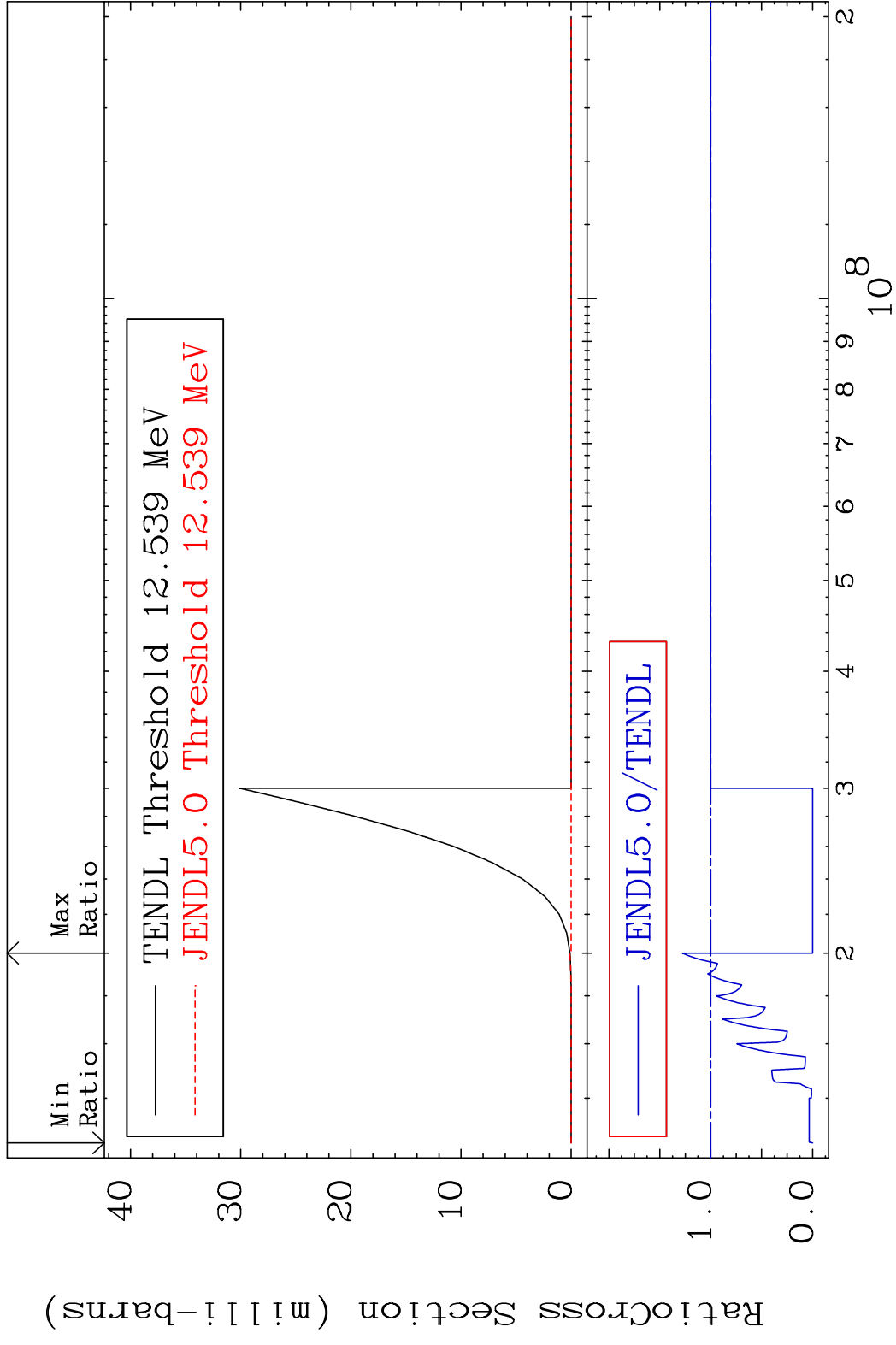
(n, n') t

67-Ho-166

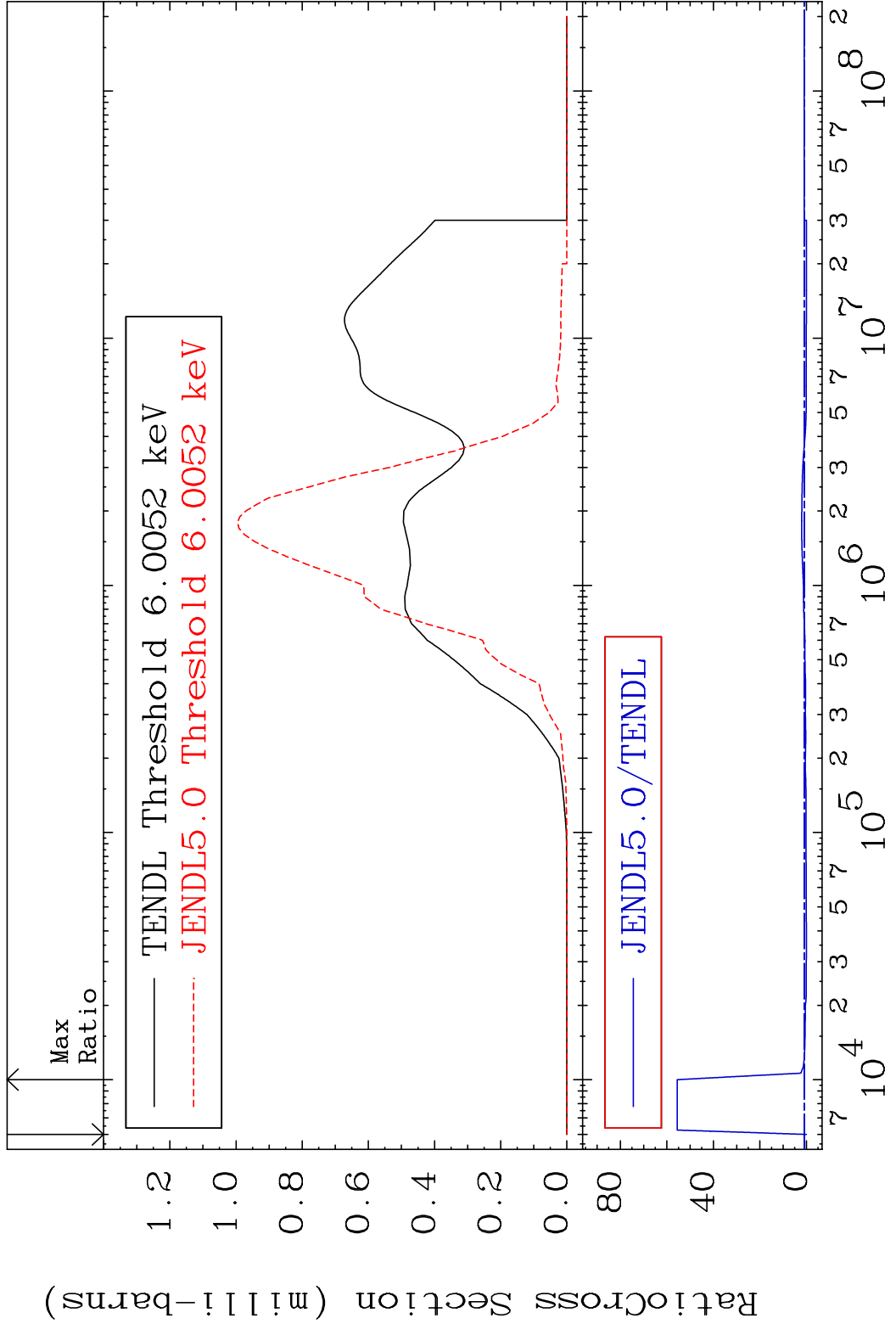
Cross Section -100.0 To 77.43 %



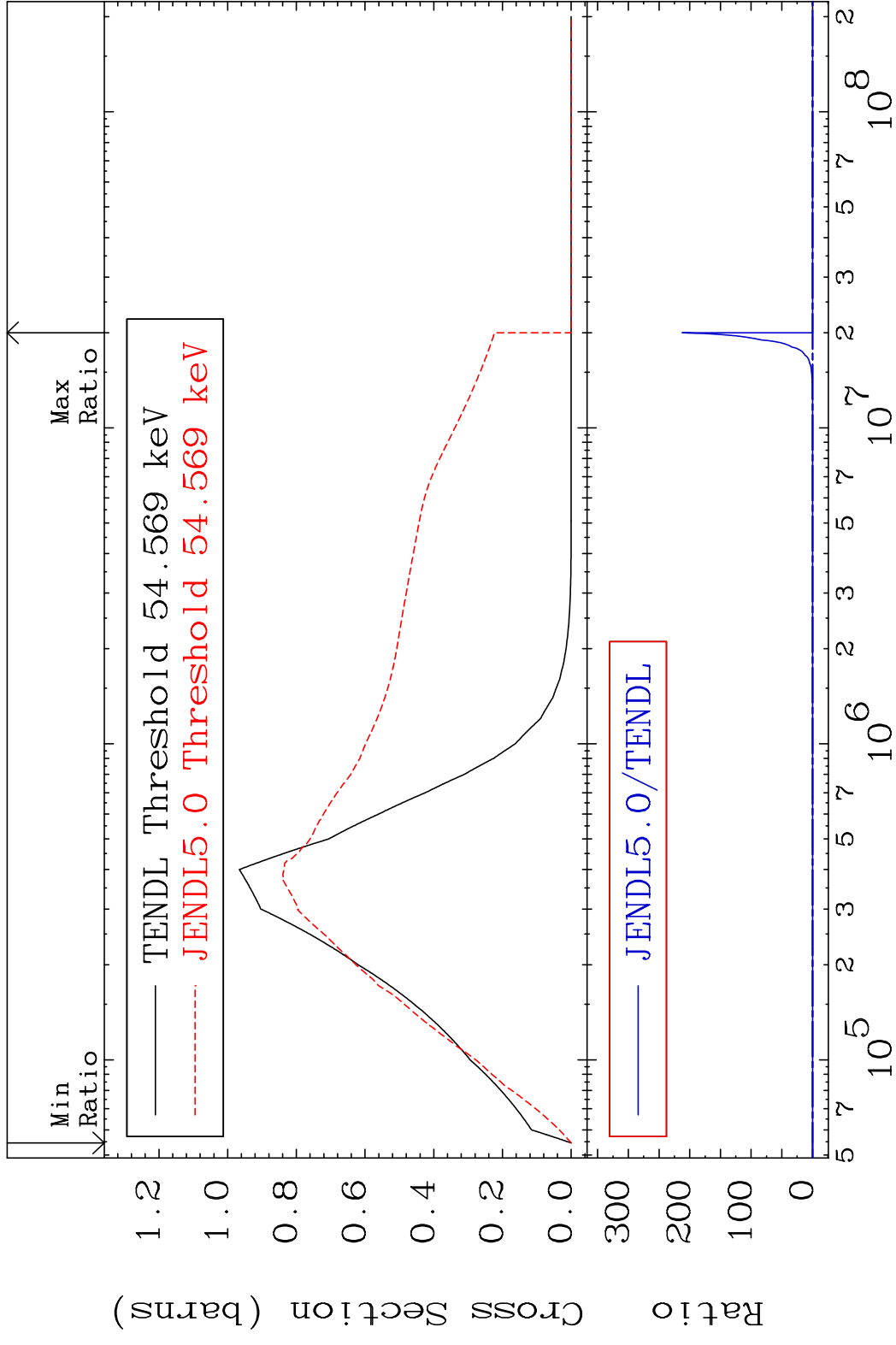
MAT 6728 (n,2n) p 67-Ho-166  
 Cross Section -100.0 To 27.85 %



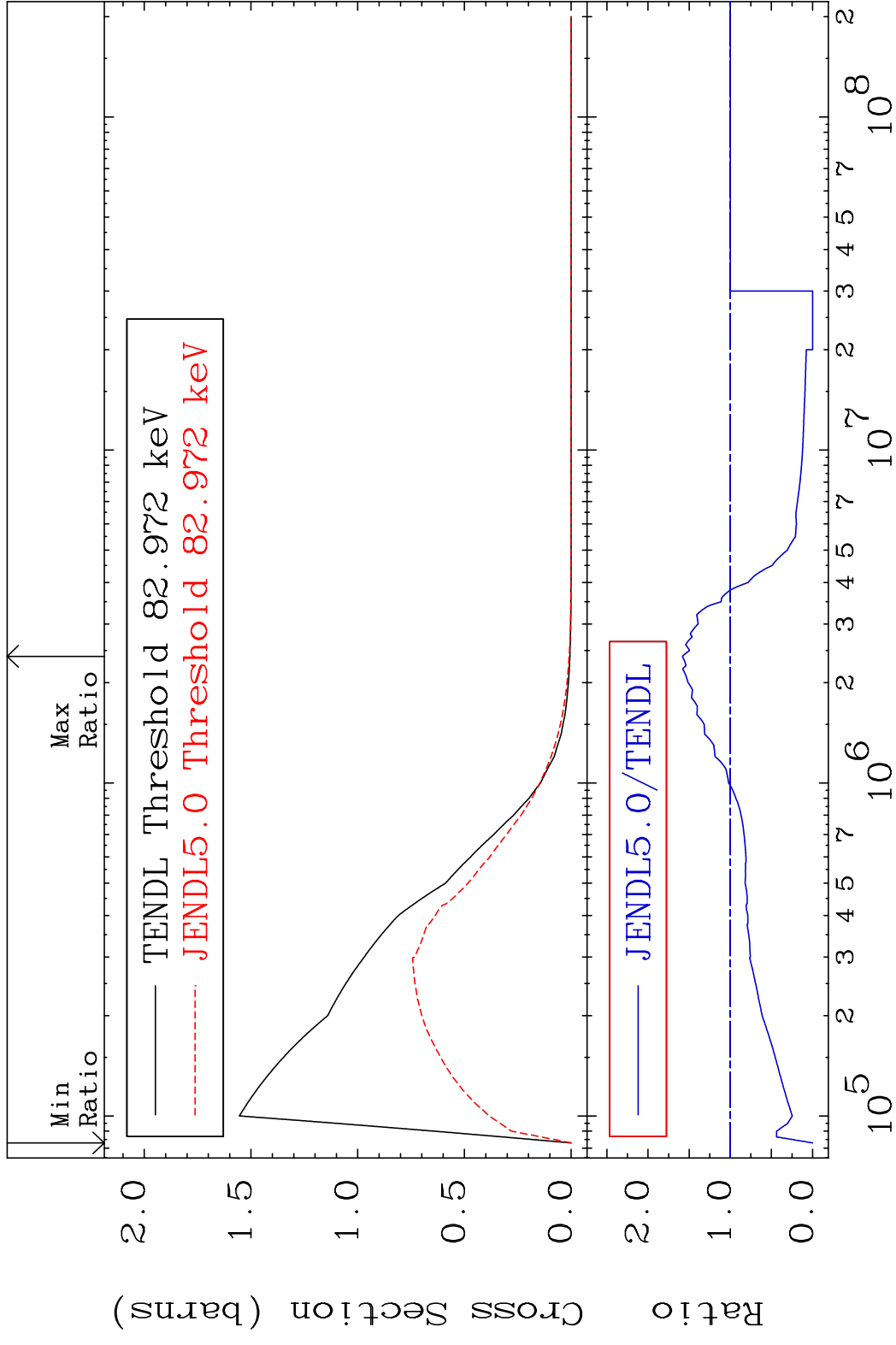
MAT 6728 MT= 51 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 5457. %



MAT 6728 MT= 52 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 9999. %



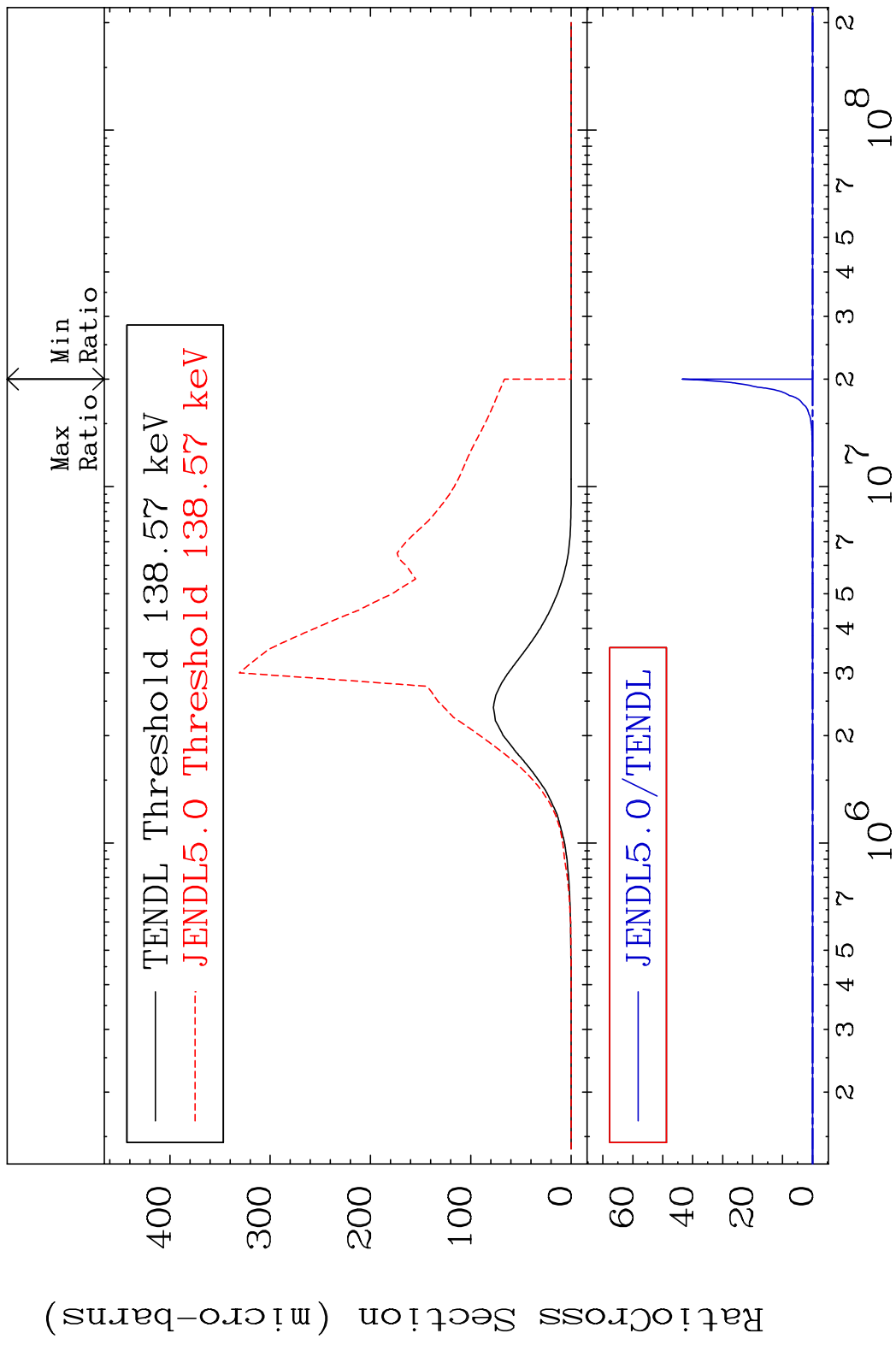
MAT 6728 MT= 53 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 58.31 %



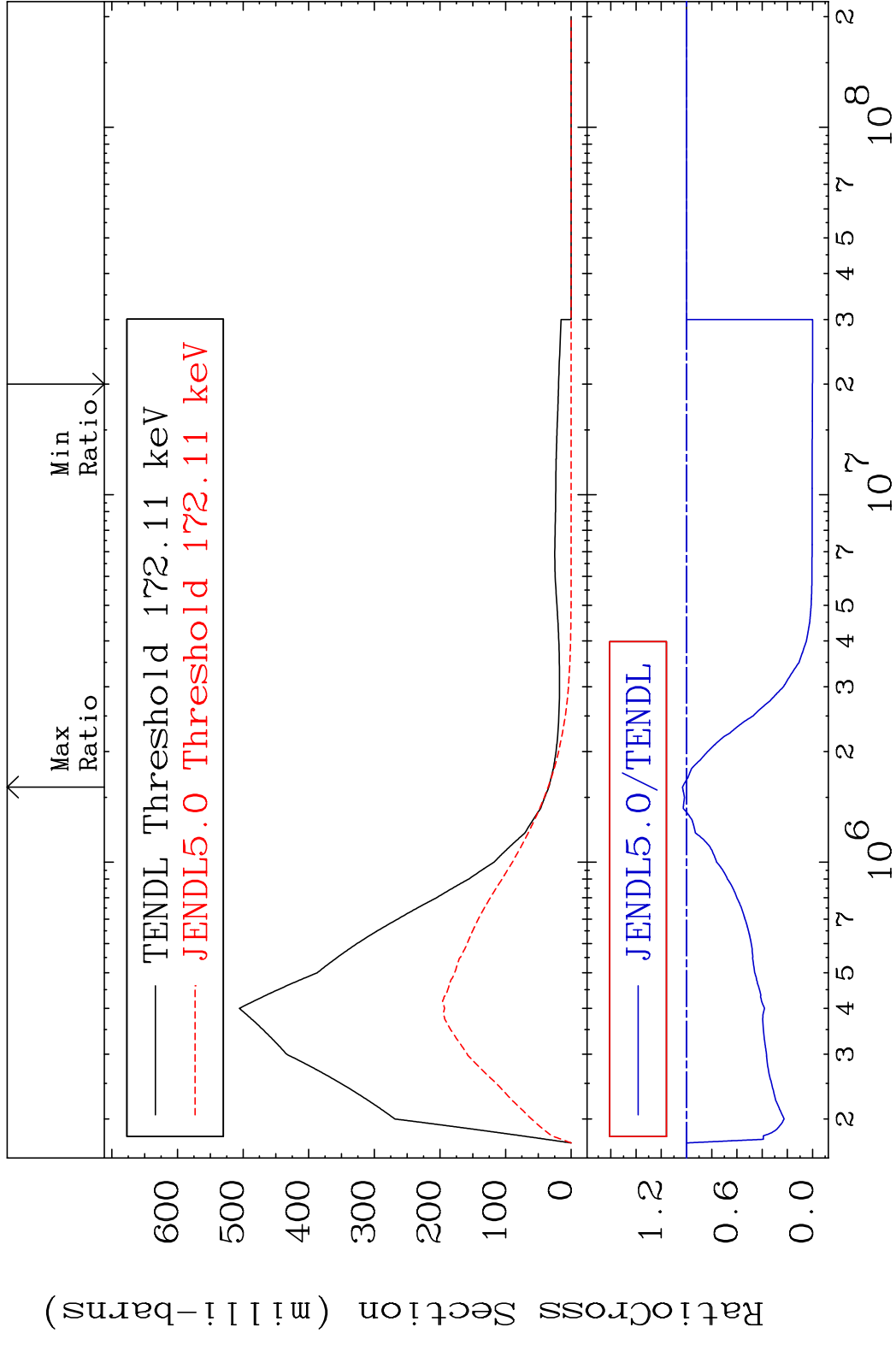
15 Incident Energy (eV) 67-Ho-166



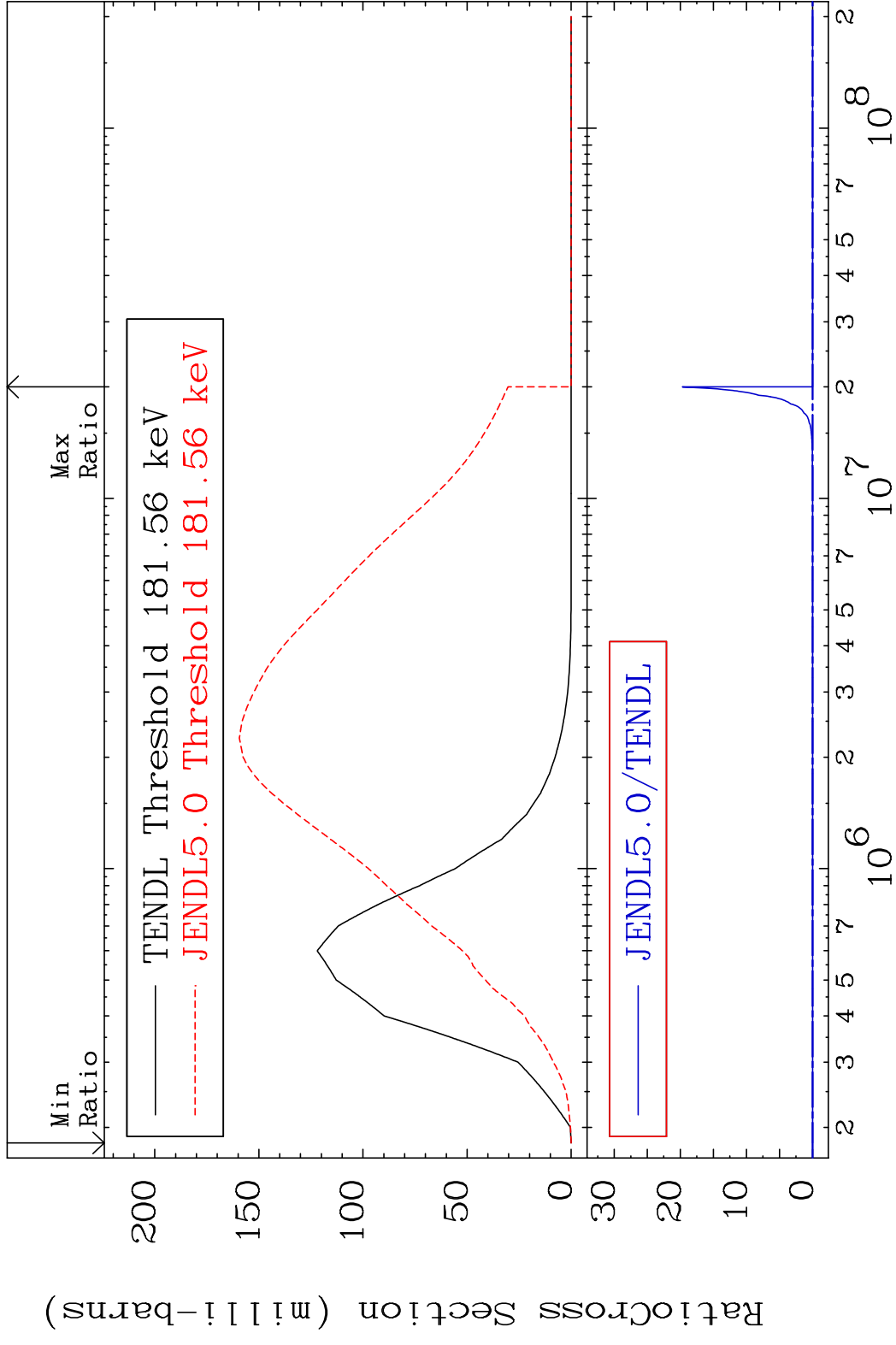
MAT 6728 MT= 54 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 9999. %



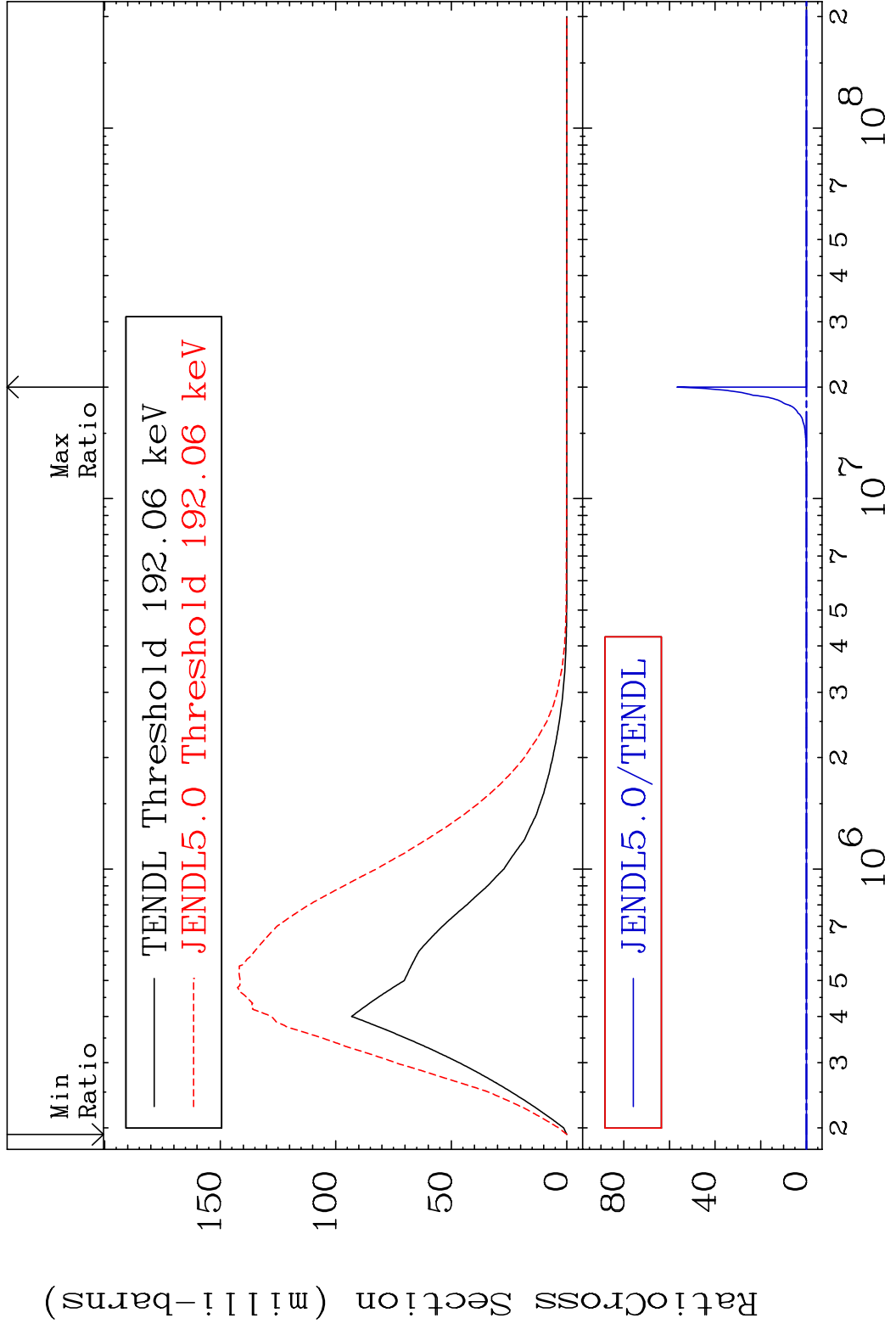
MAT 6728 MT= 55 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 3.280 %



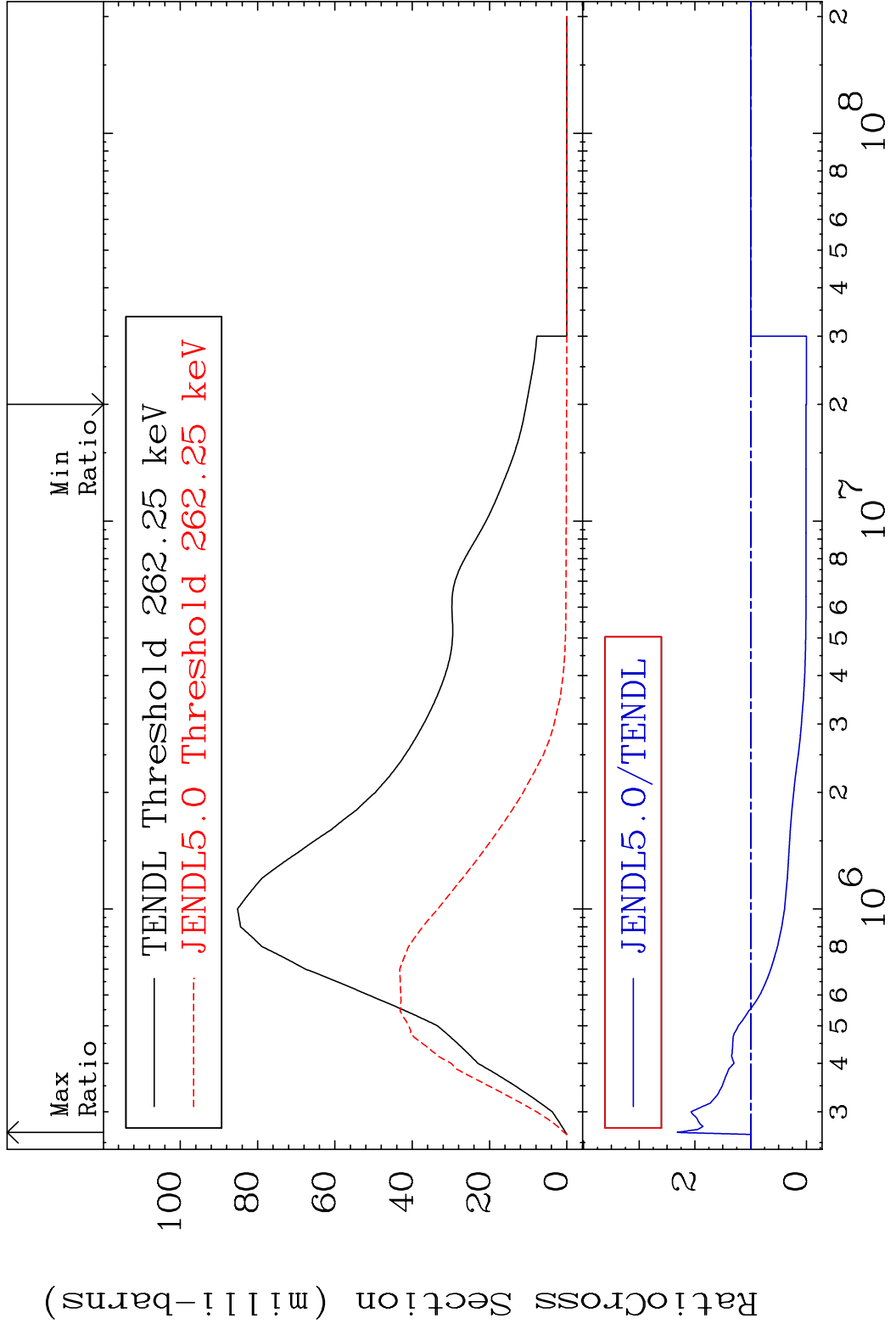
MAT 6728 MT= 56 (n,n') Level 67-Ho-166  
 Cross Section -100.0 To 9999. %



MAT 6728 MT= 57 (n,n') Level 67-Ho-166  
 Cross Section -100.0 To 9999. %

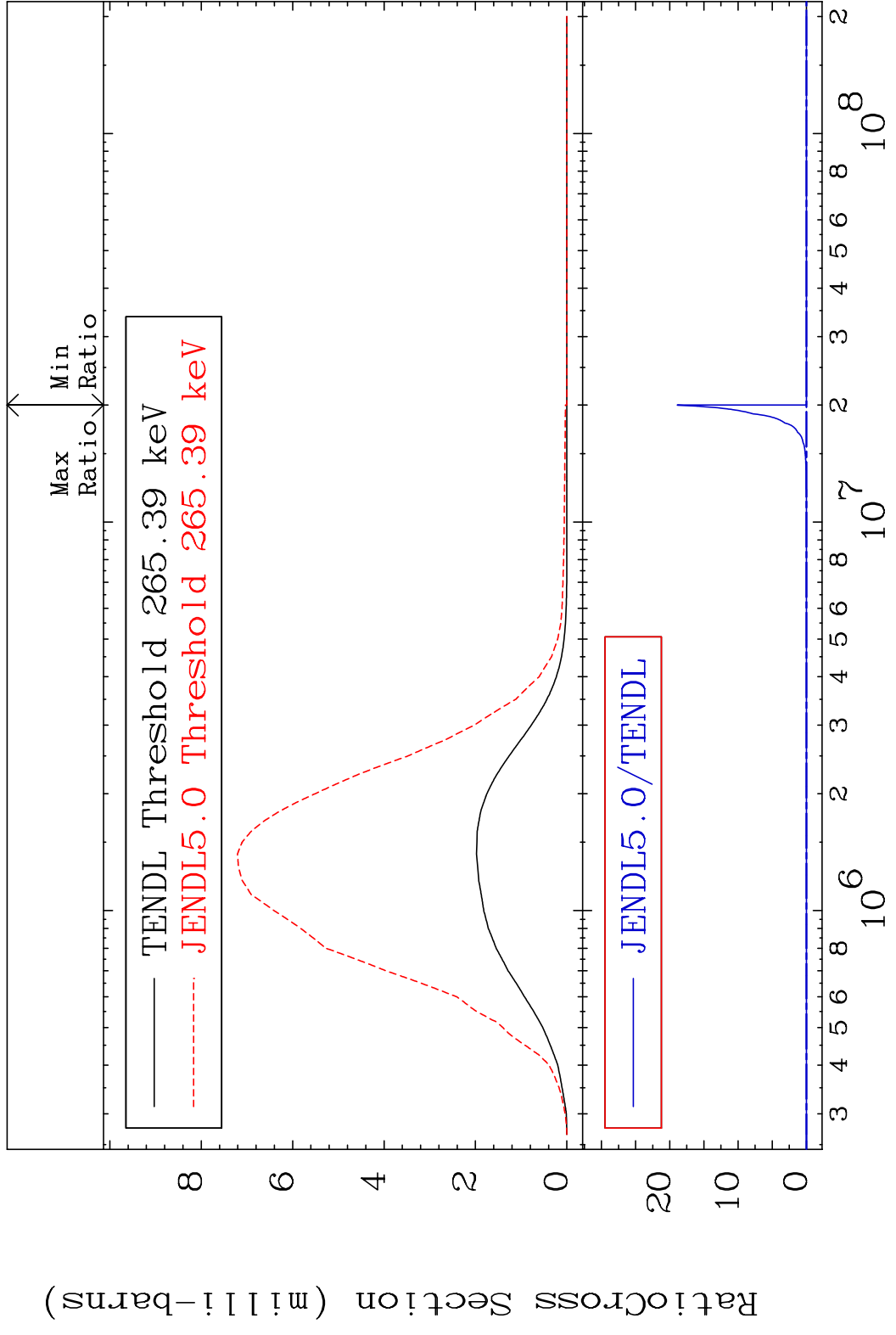


MAT 6728 MT= 58 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 131.9 %

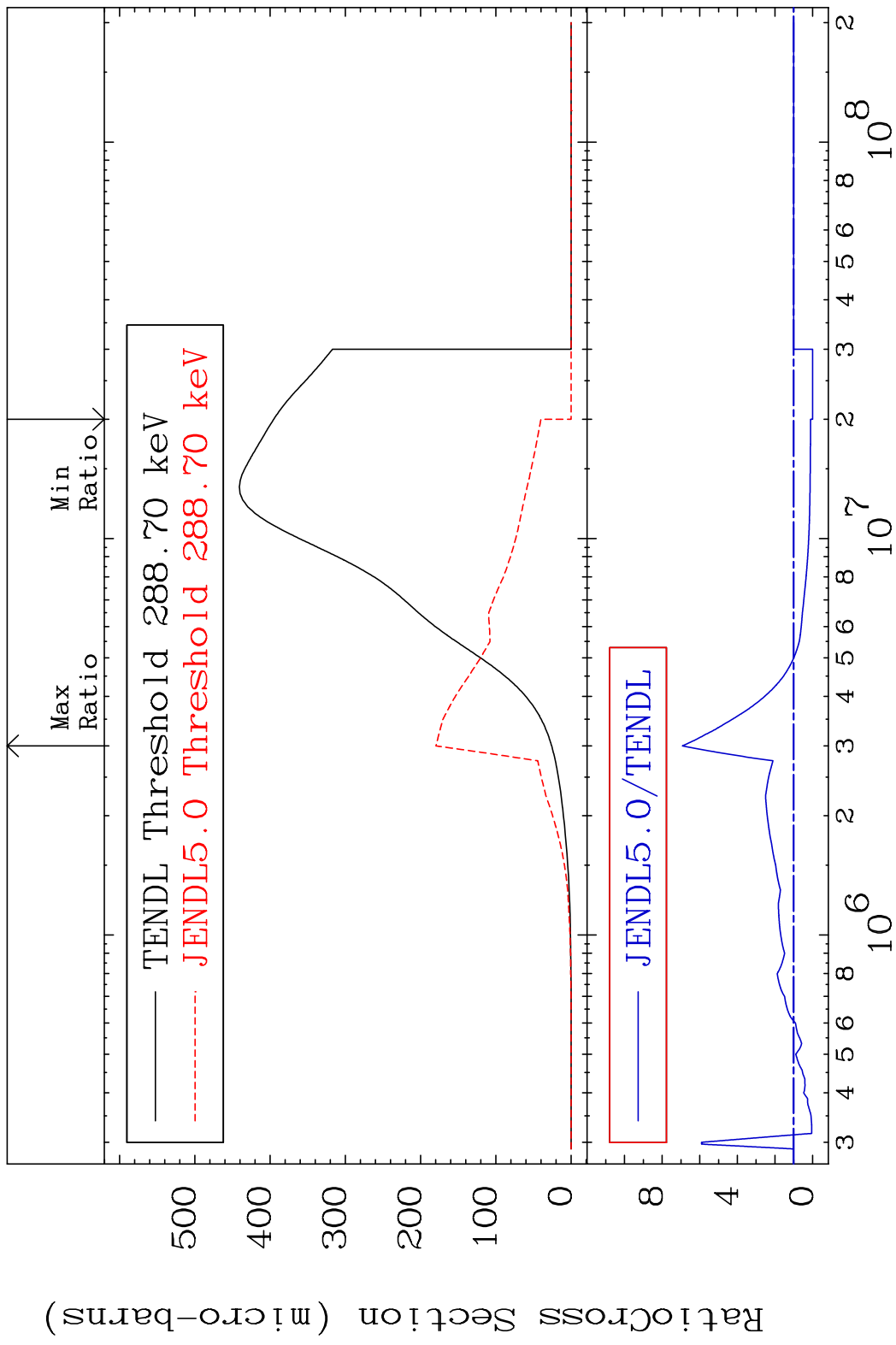


20 Incident Energy (eV) 67-Ho-166

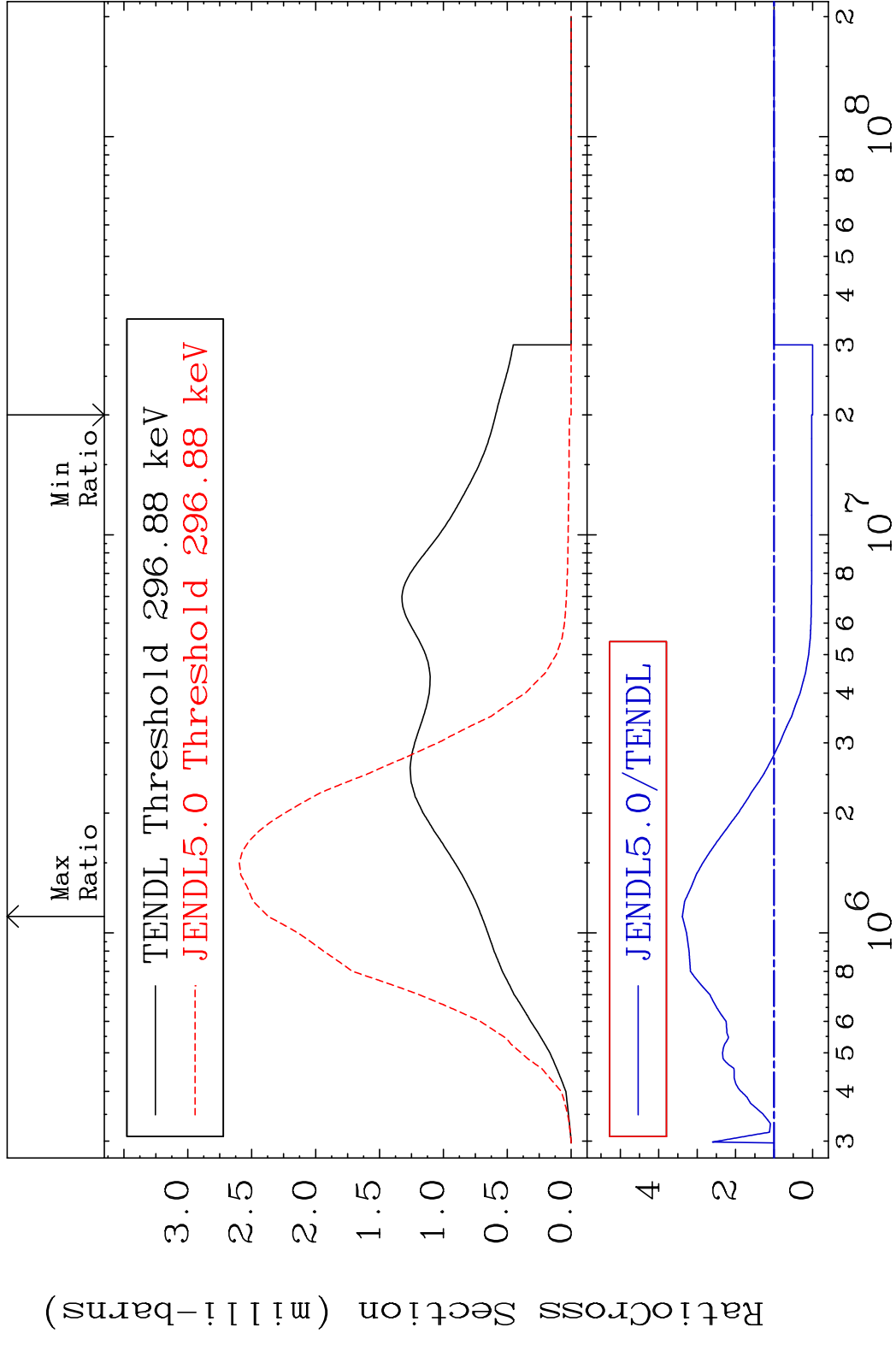
MAT 6728 MT= 59 (n,n') Level 67-Ho-166  
 Cross Section -100.0 To 9999. %



MAT 6728 MT= 60 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 592.6 %

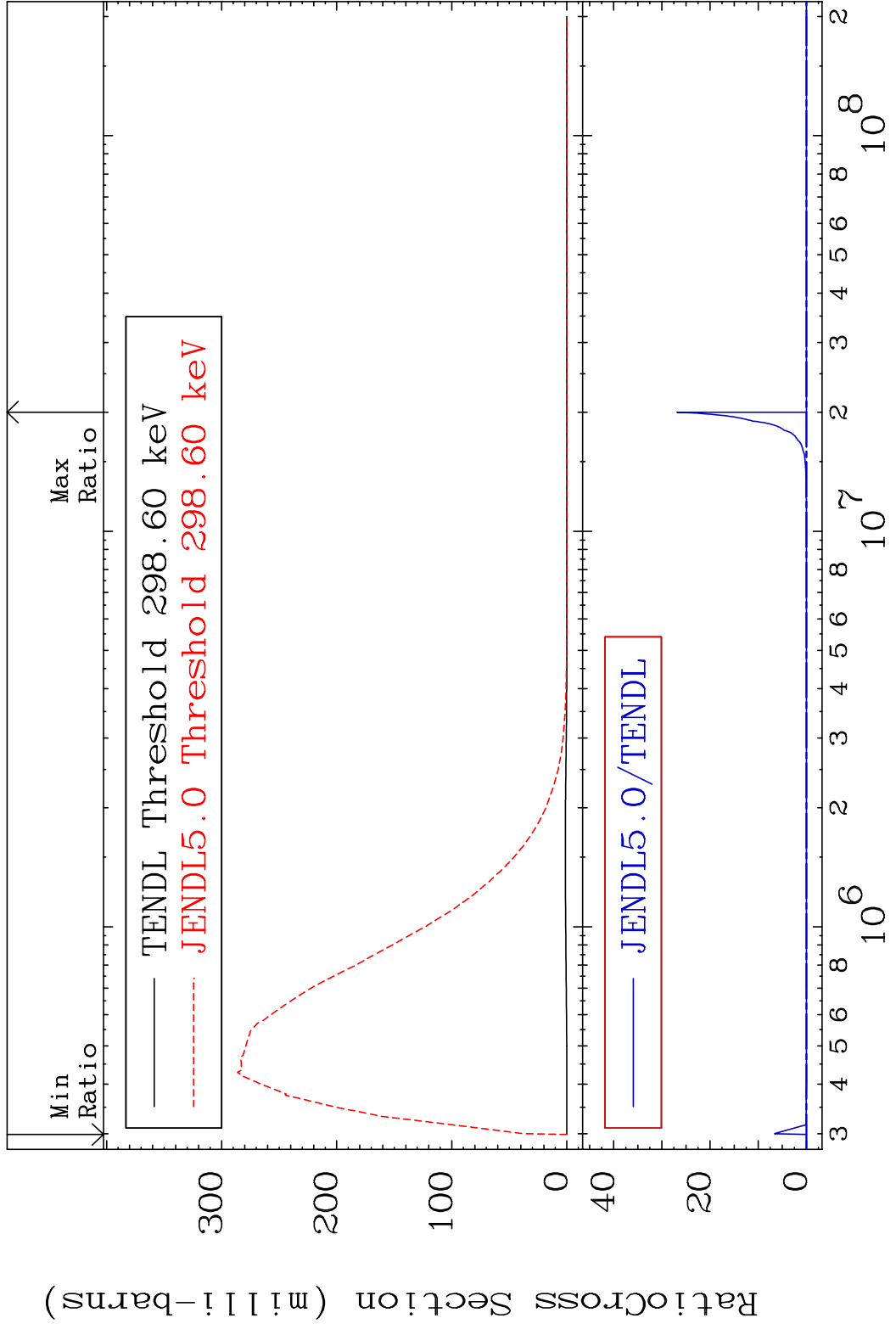


MAT 6728 MT= 61 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 238.5 %

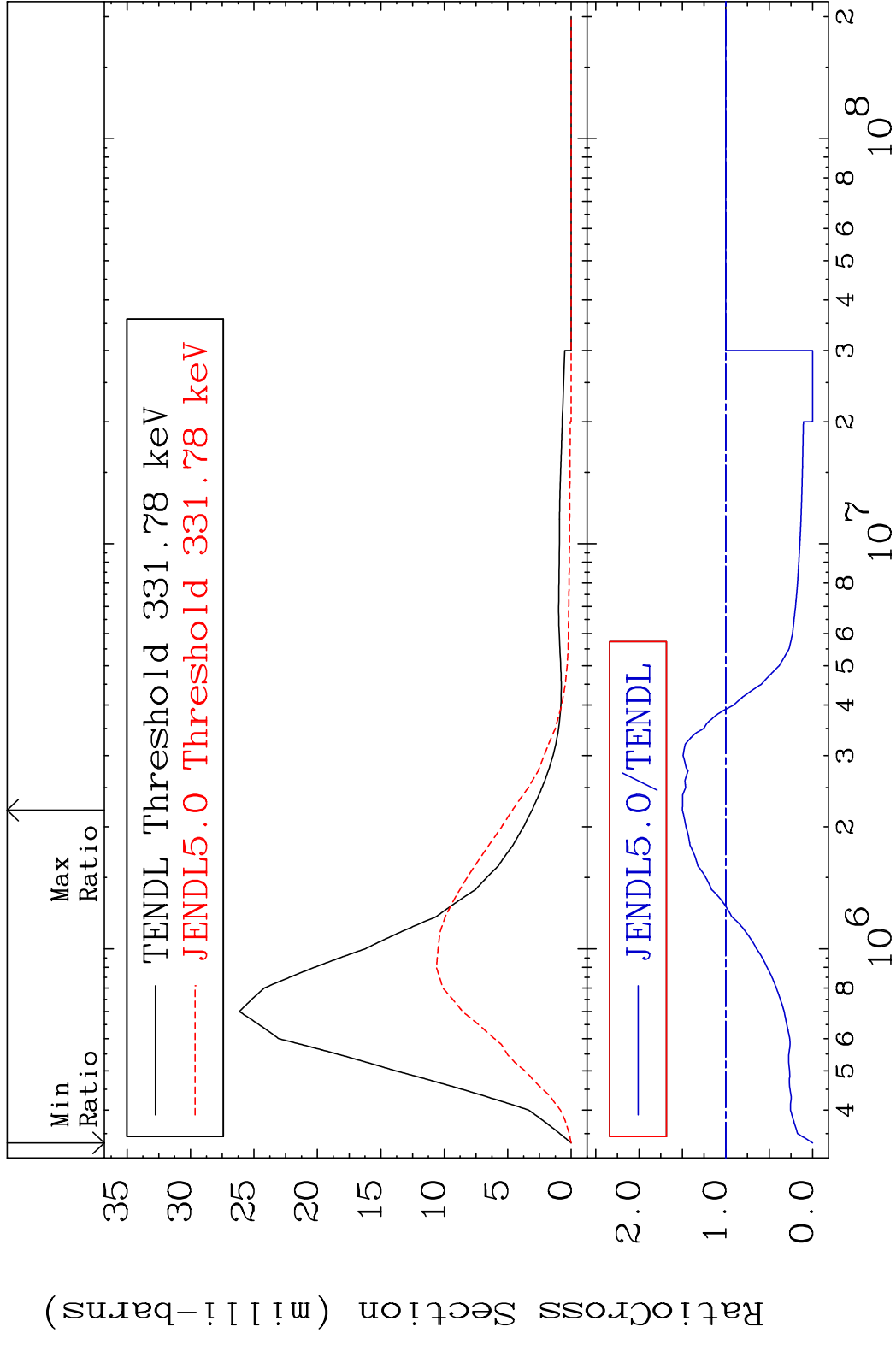




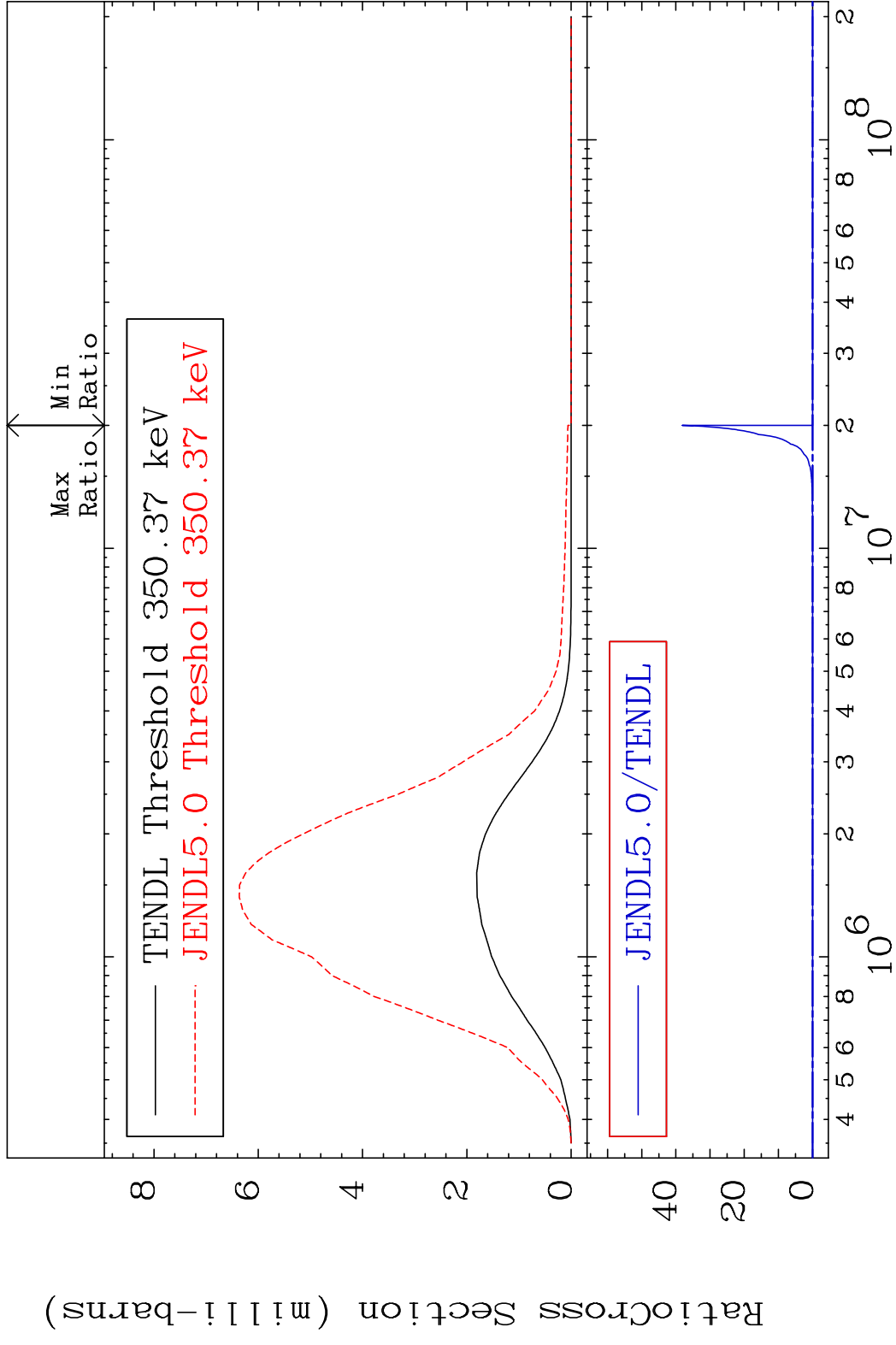
MAT 6728 MT= 62 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 9999. %



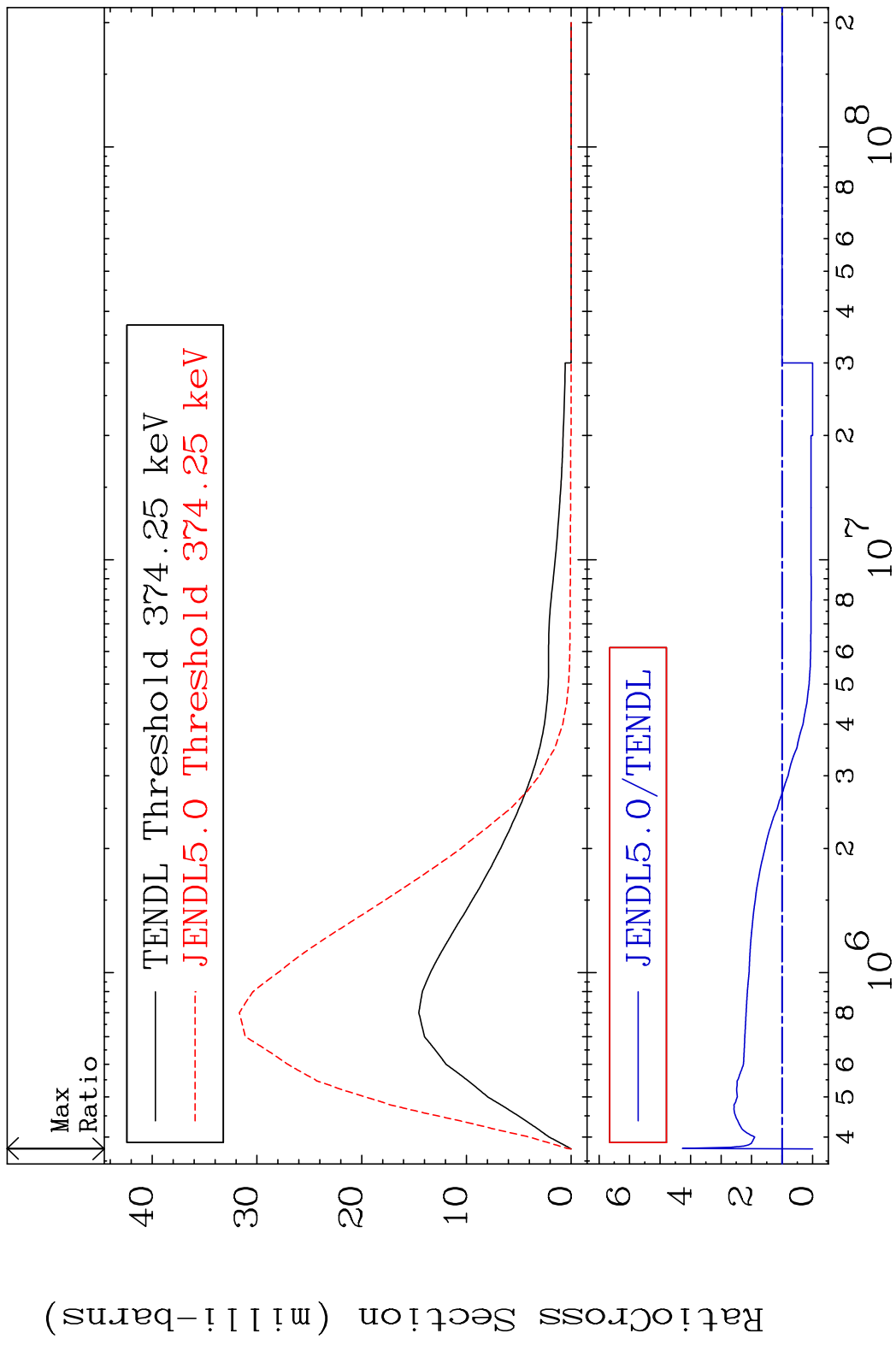
MAT 6728 MT= 63 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 50.07 %



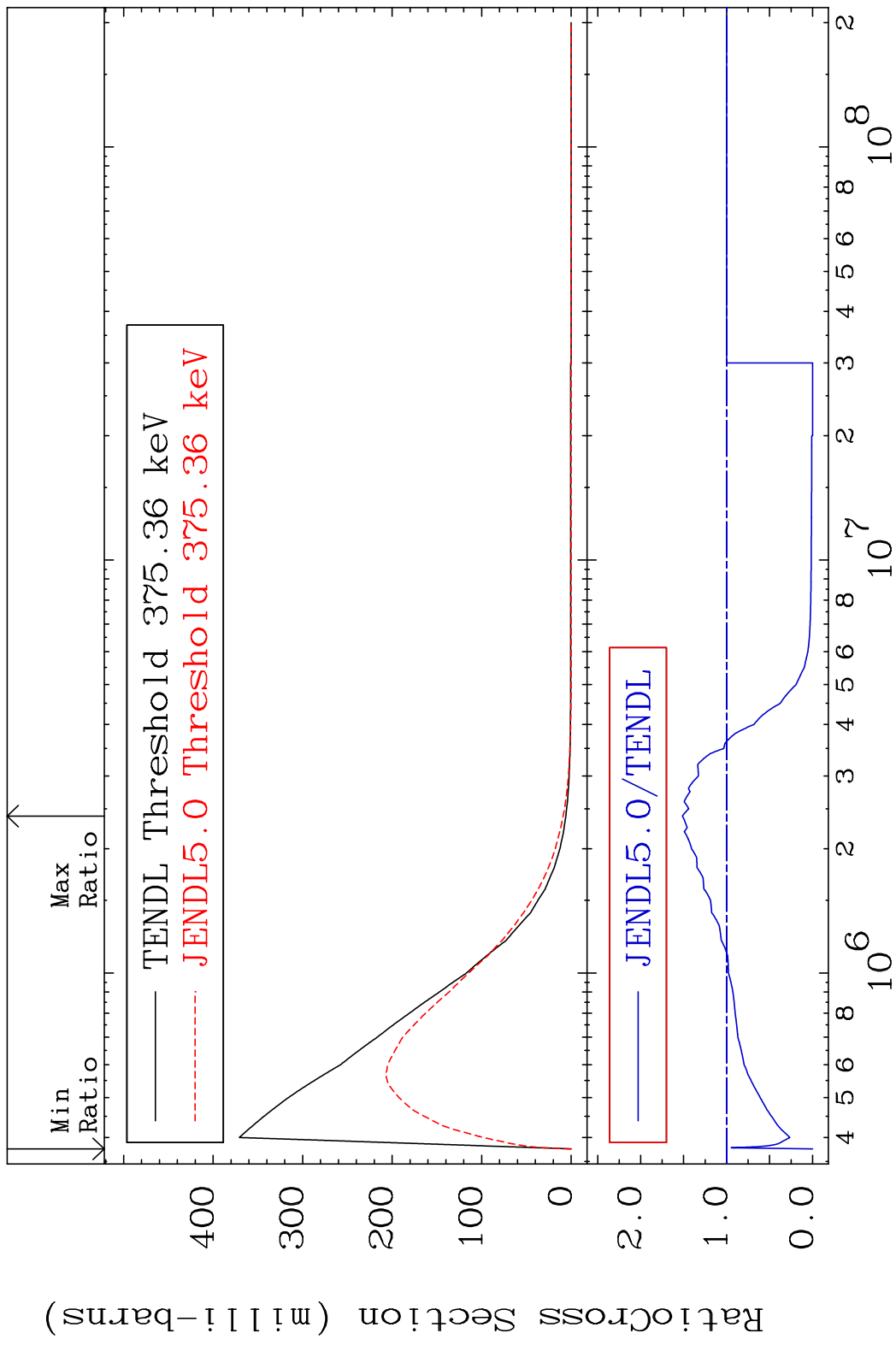
MAT 6728 MT= 64 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 9999. %



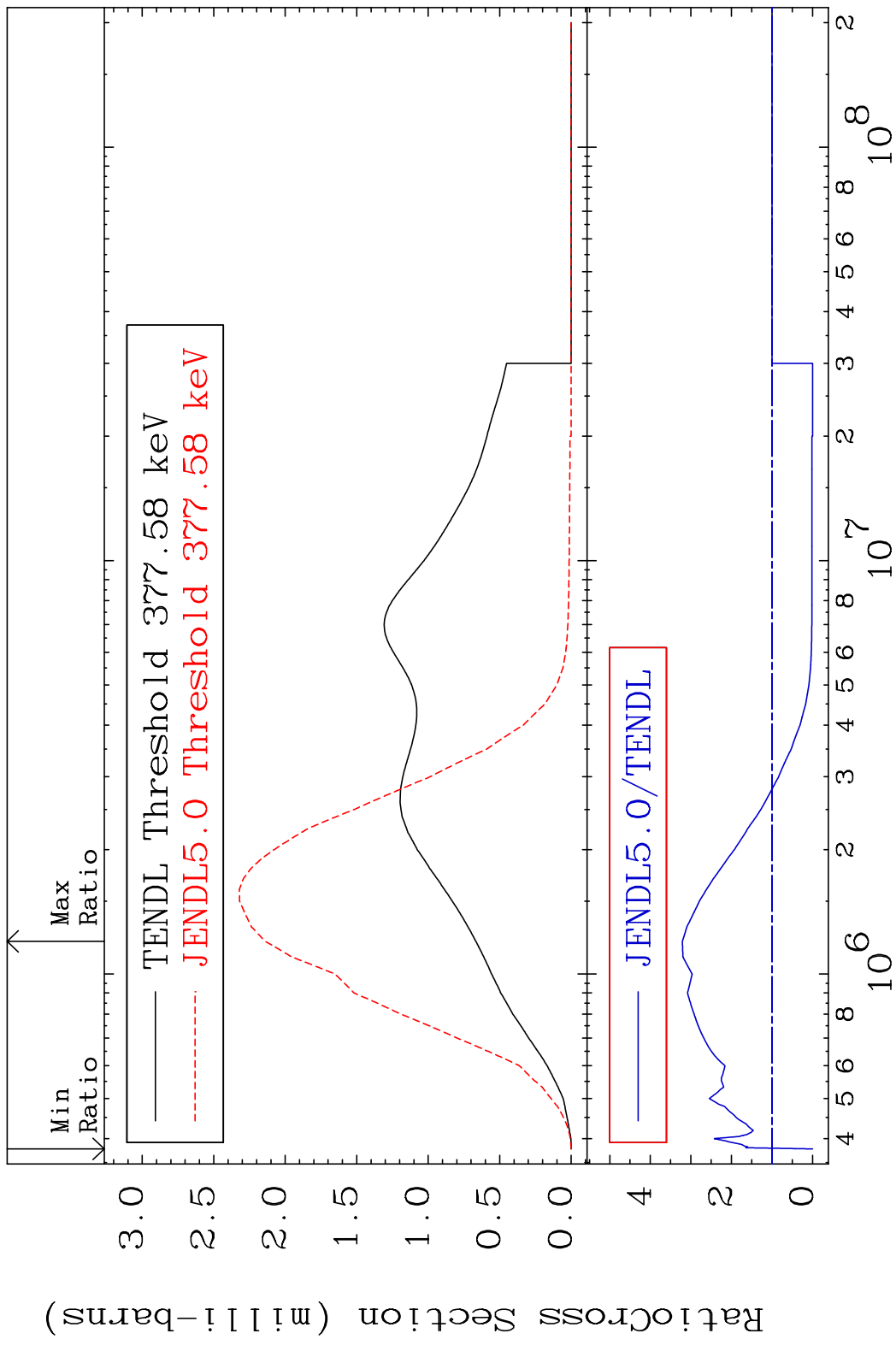
MAT 6728 MT= 65 (n,n') Level 67-Ho-166  
 Cross Section -100.0 To 326.9 %



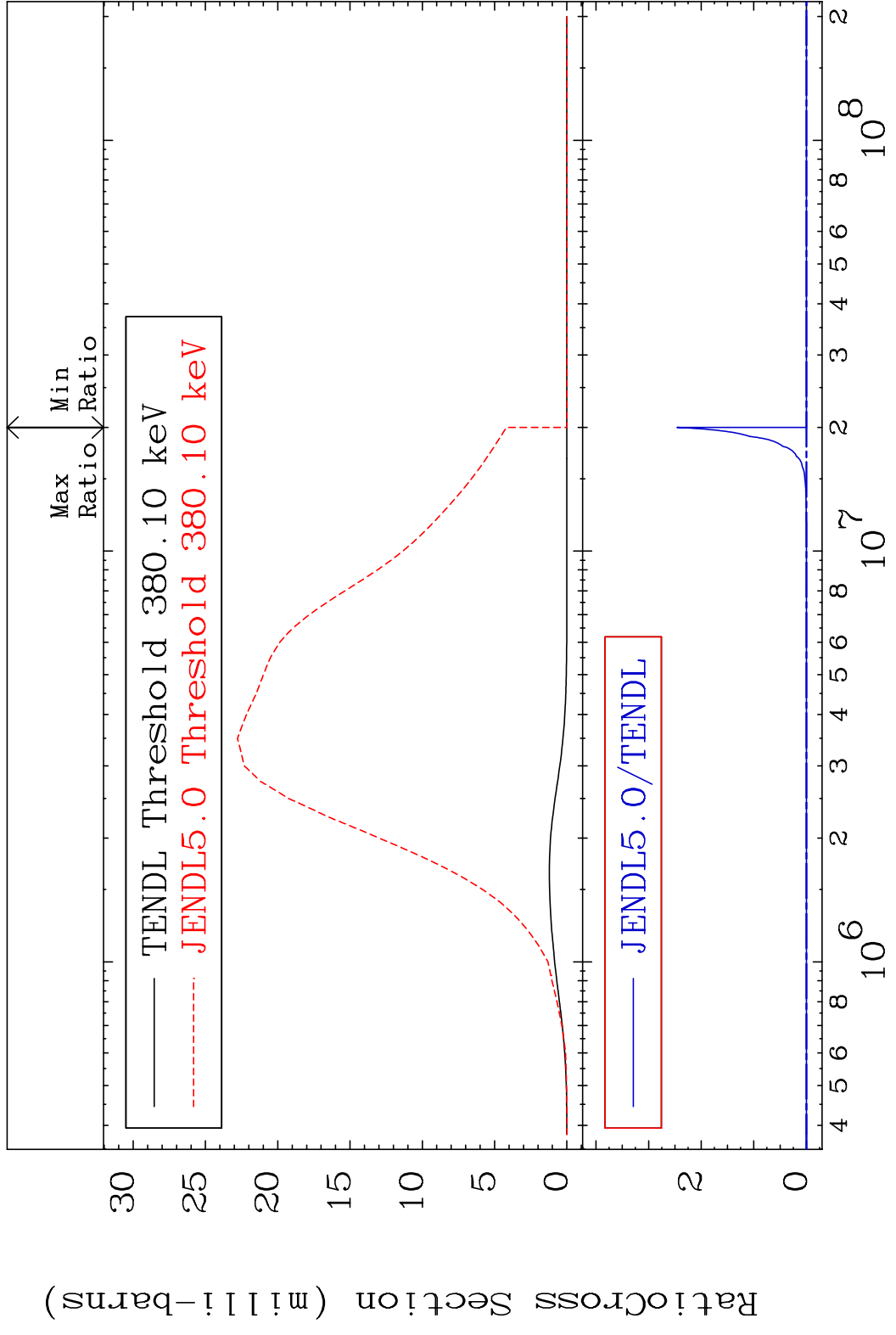
MAT 6728 MT= 66 (n,n') Level 67-Ho-166  
 Cross Section -100.0 To 51.49 %



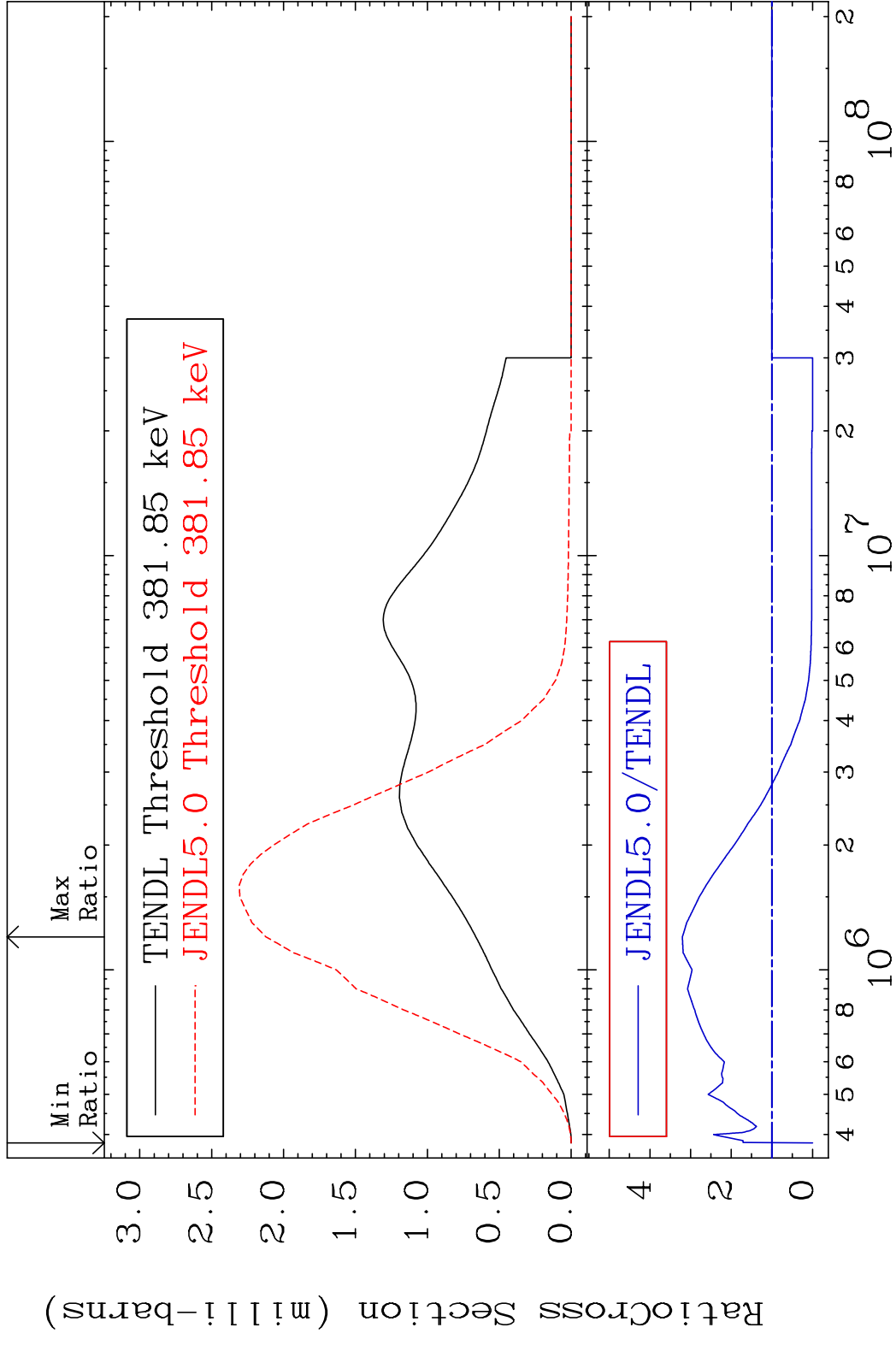
MAT 6728 MT= 67 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 221.0 %



MAT 6728 MT= 68 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 9999. %

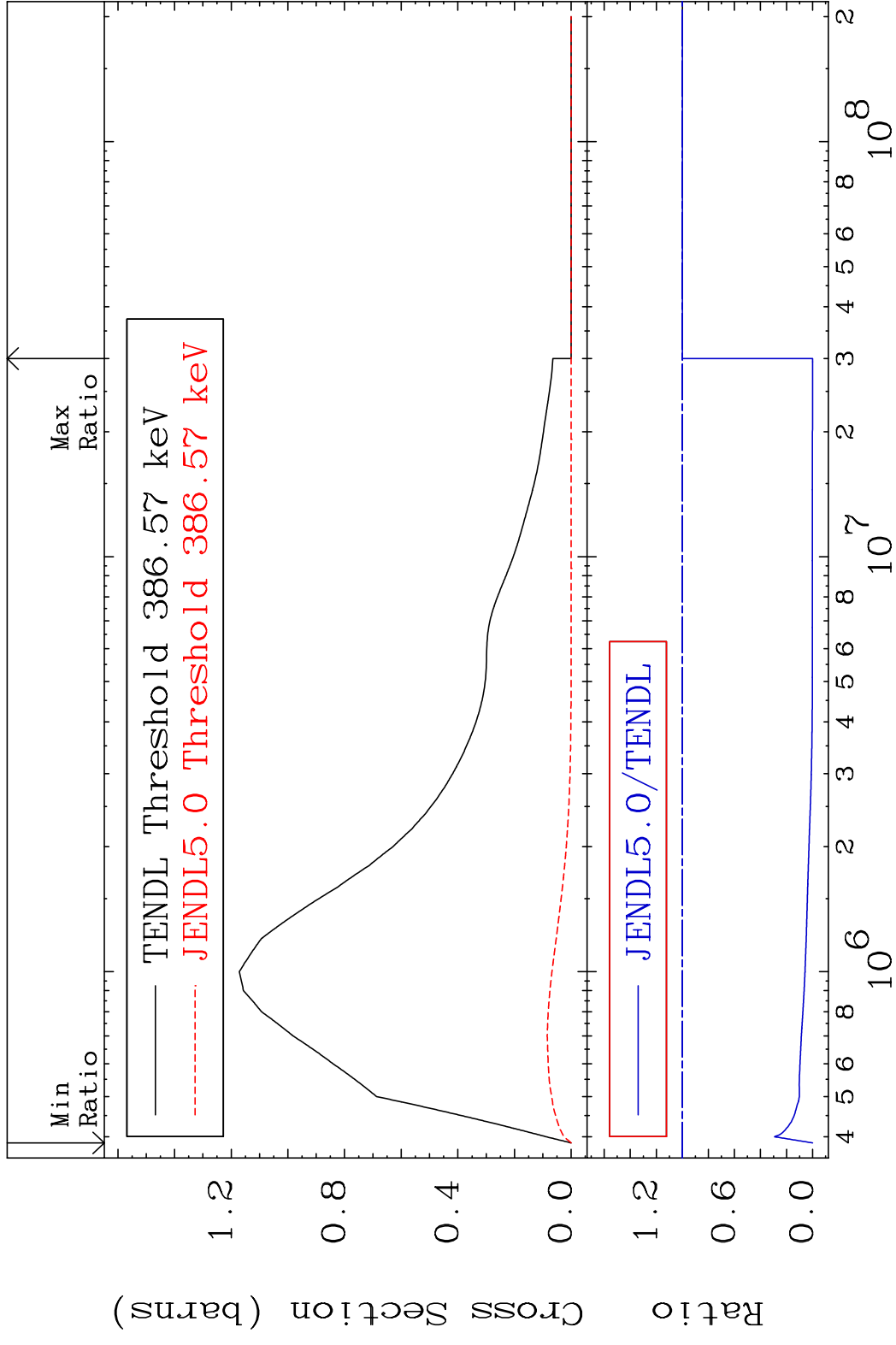


MAT 6728 MT= 69 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 220.2 %

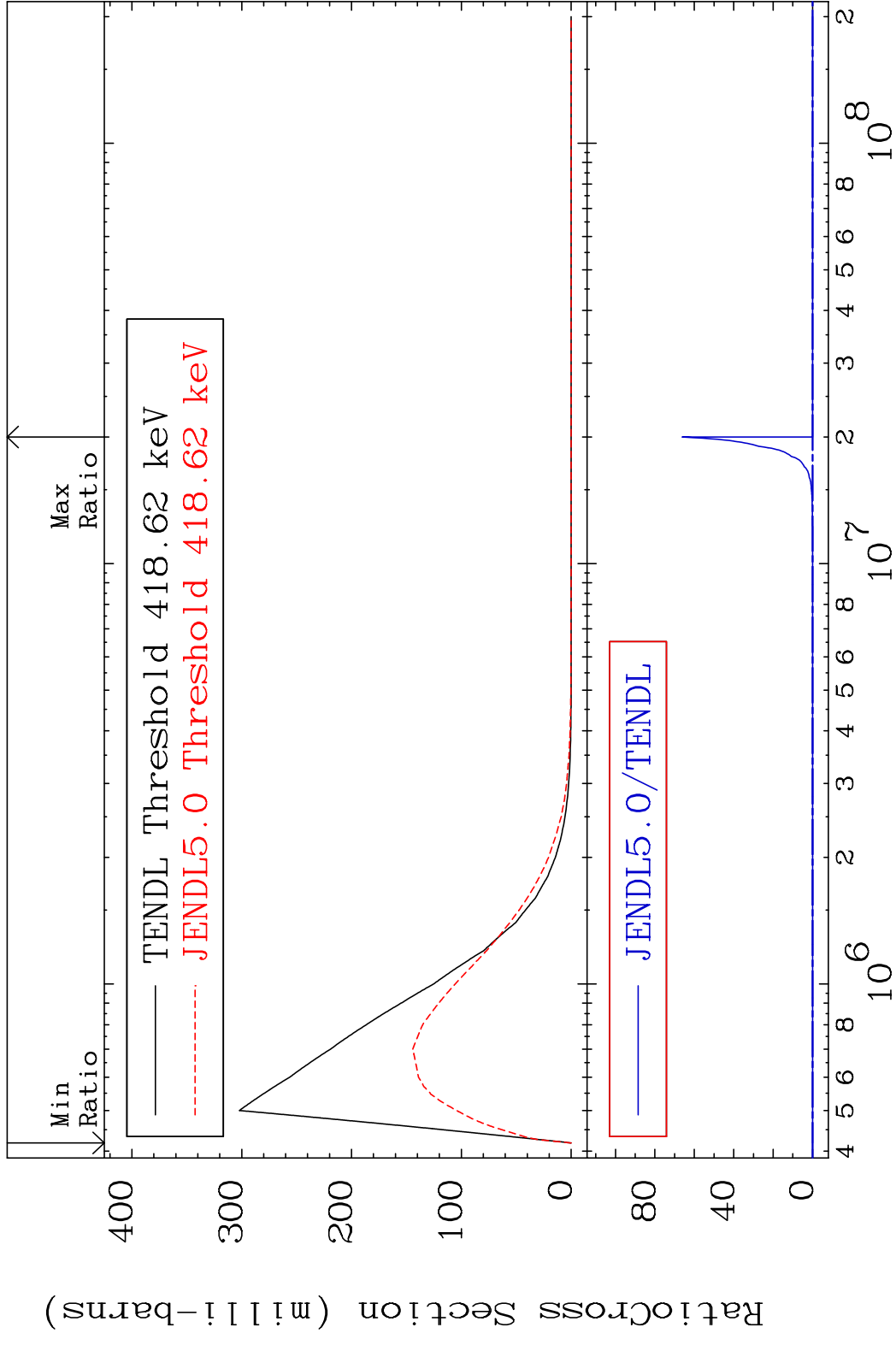




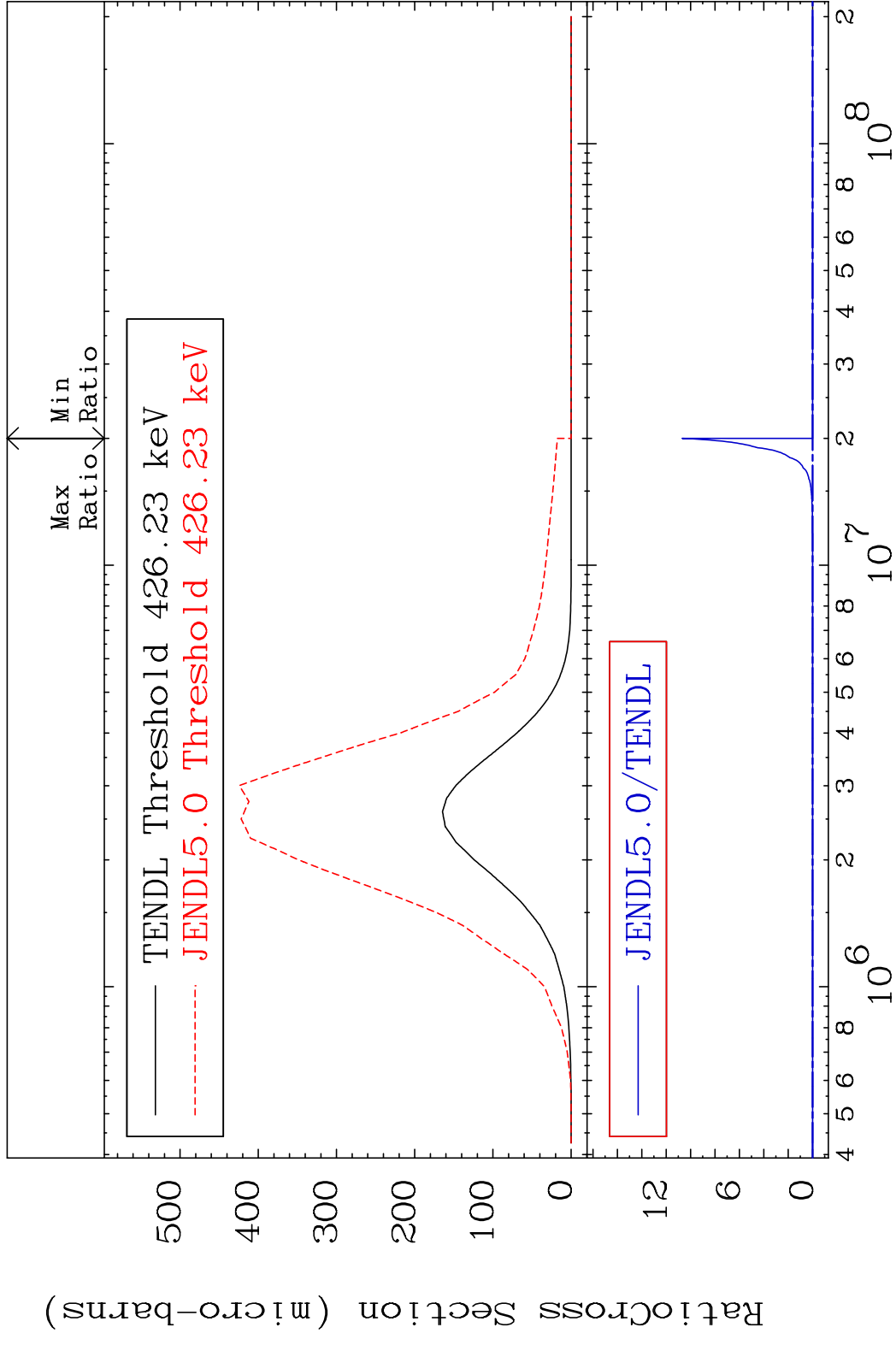
MAT 6728 MT= 70 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 0.000 %



MAT 6728 MT= 71 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 9999. %

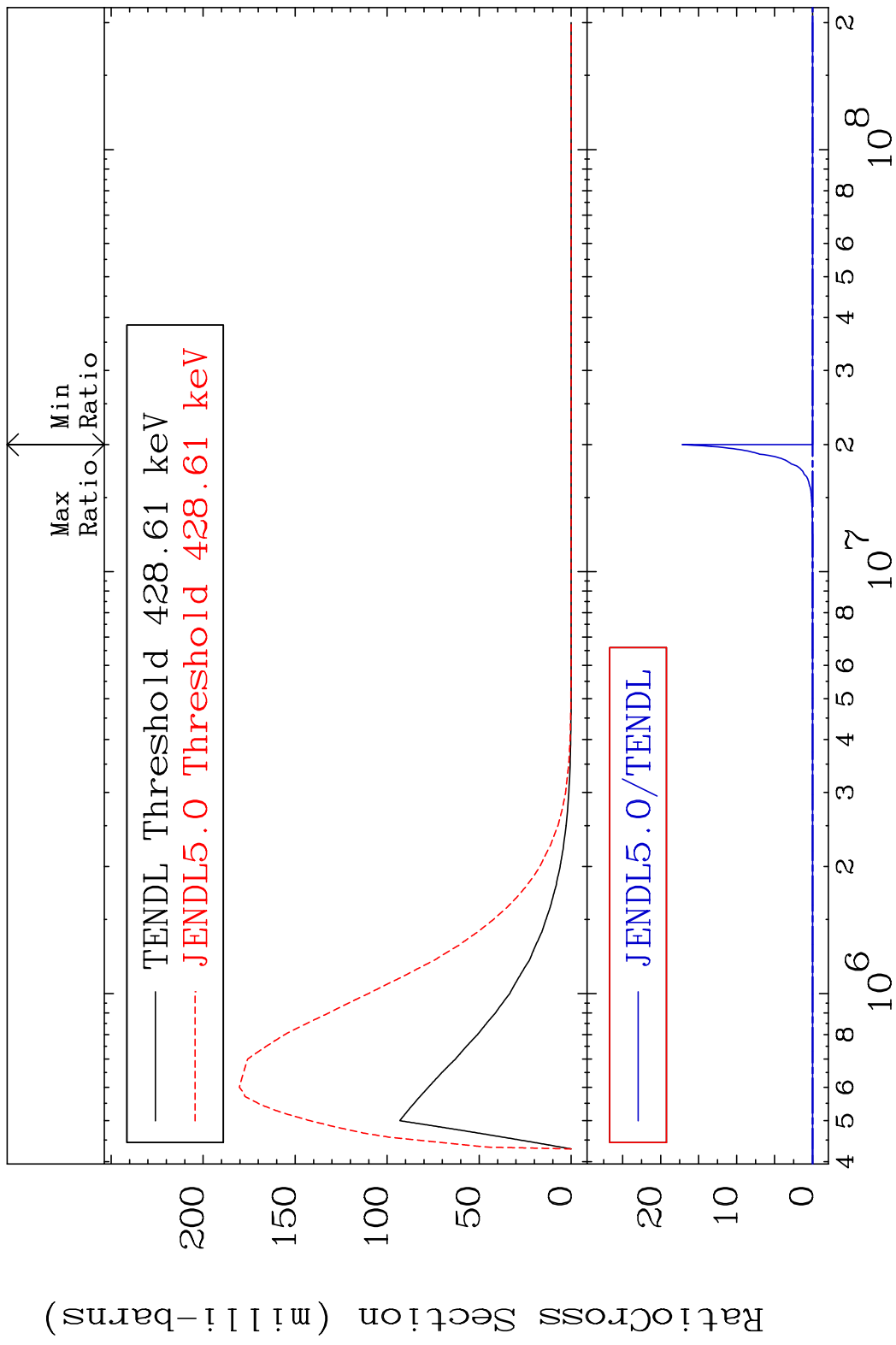


MAT 6728 MT= 72 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 9999. %

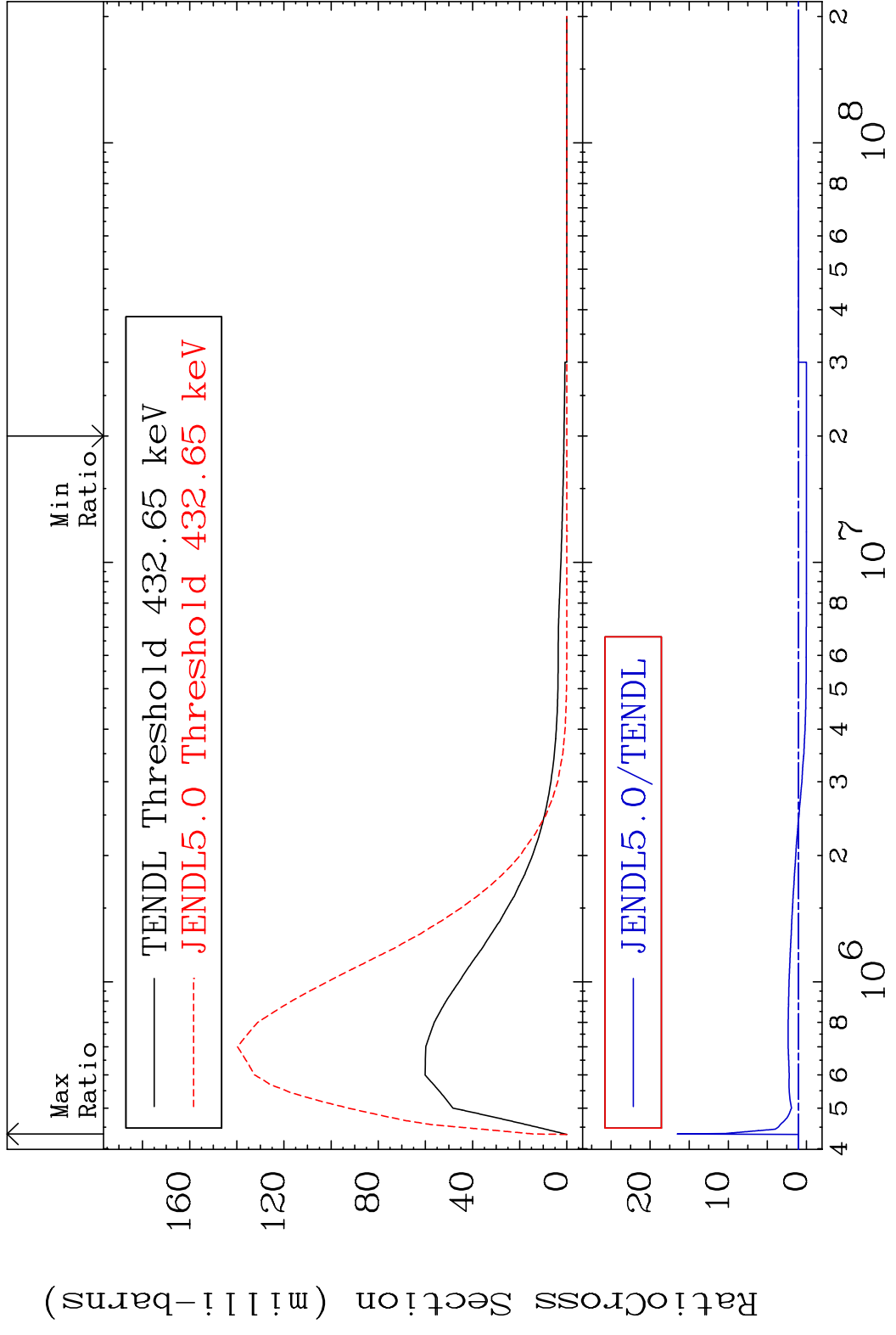


34 Incident Energy (eV) 67-Ho-166

MAT 6728 MT= 73 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 9999. %

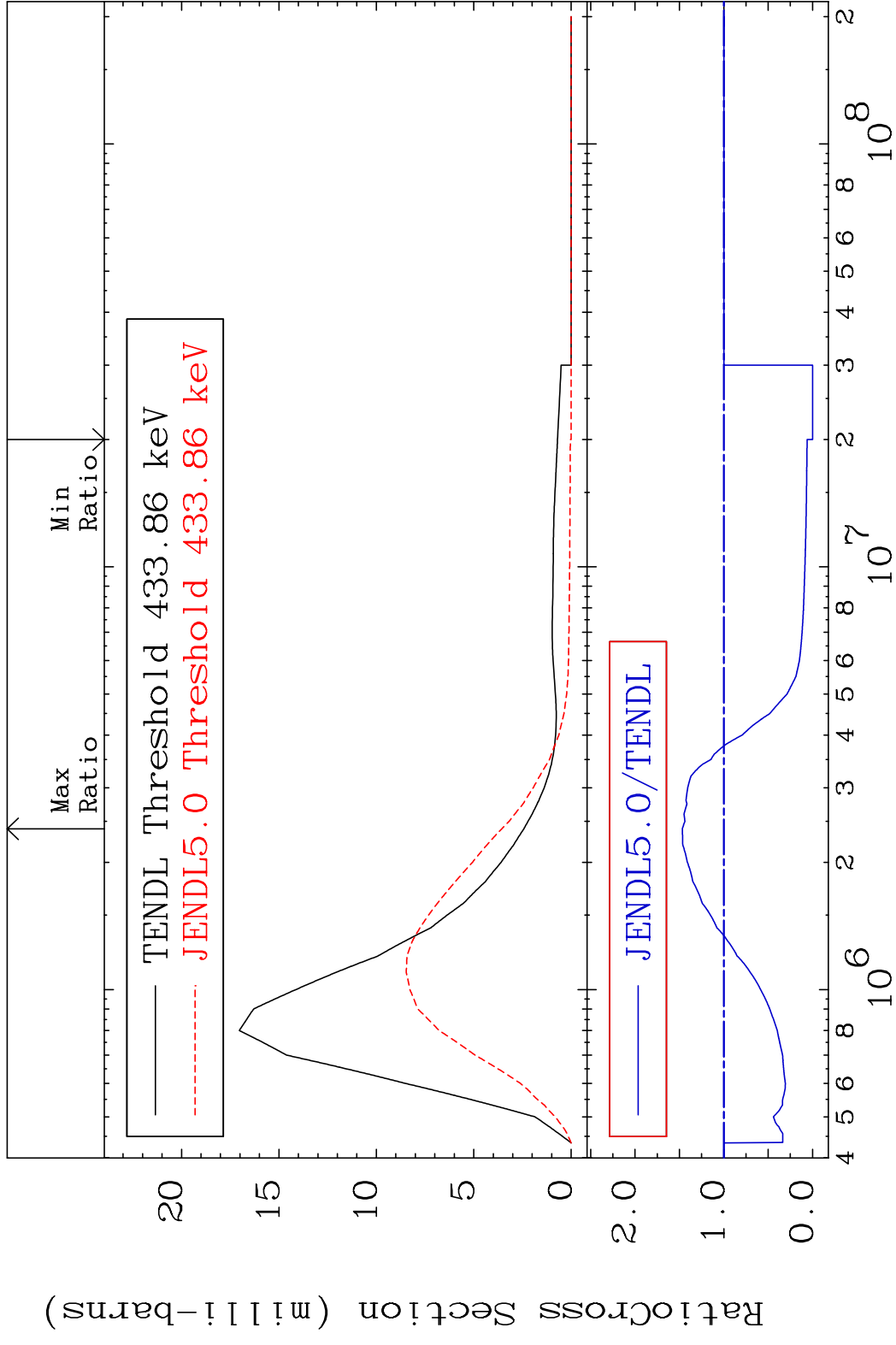


MAT 6728 MT= 74 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 1554. %

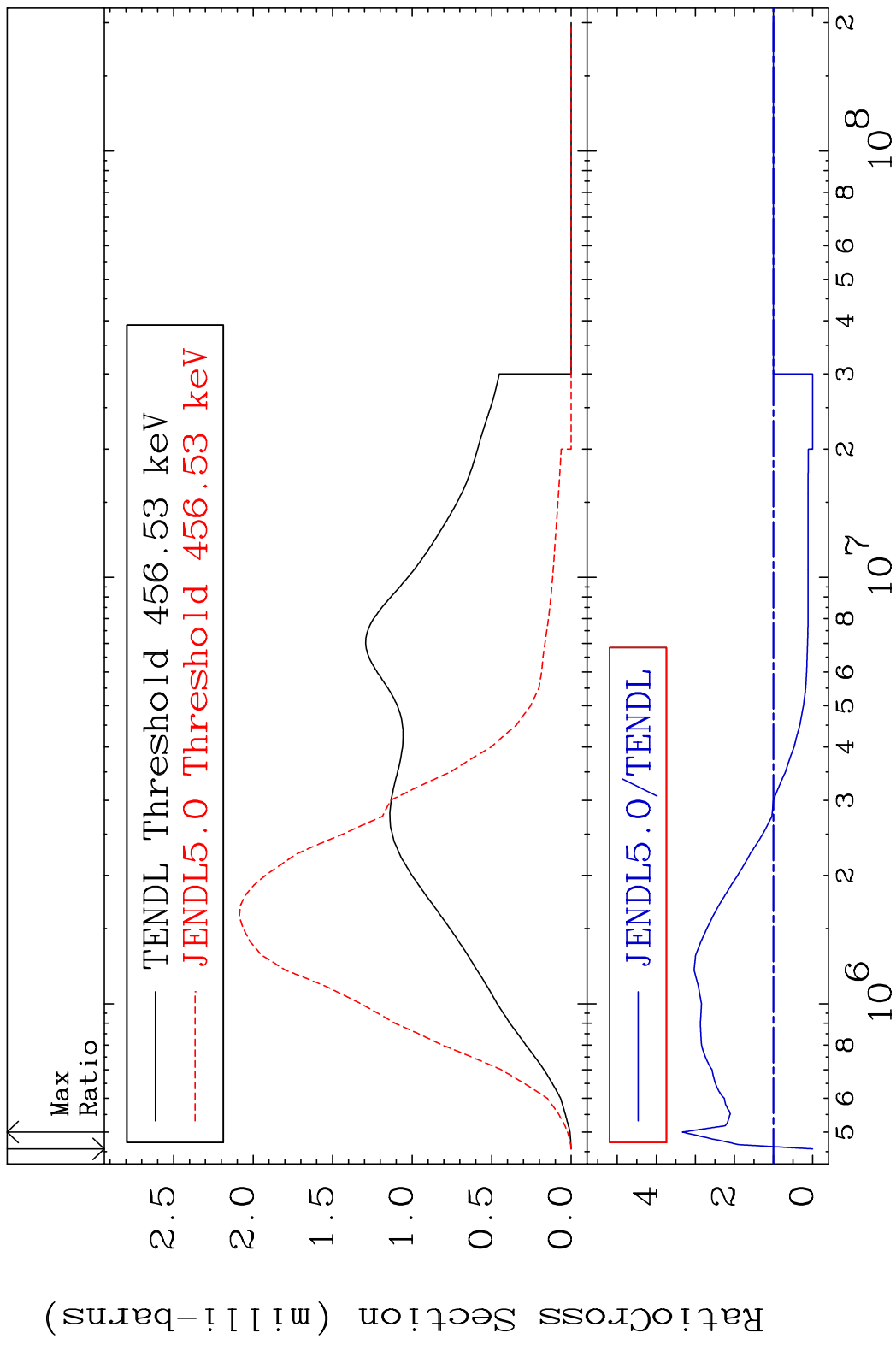


36 Incident Energy (eV) 67-Ho-166

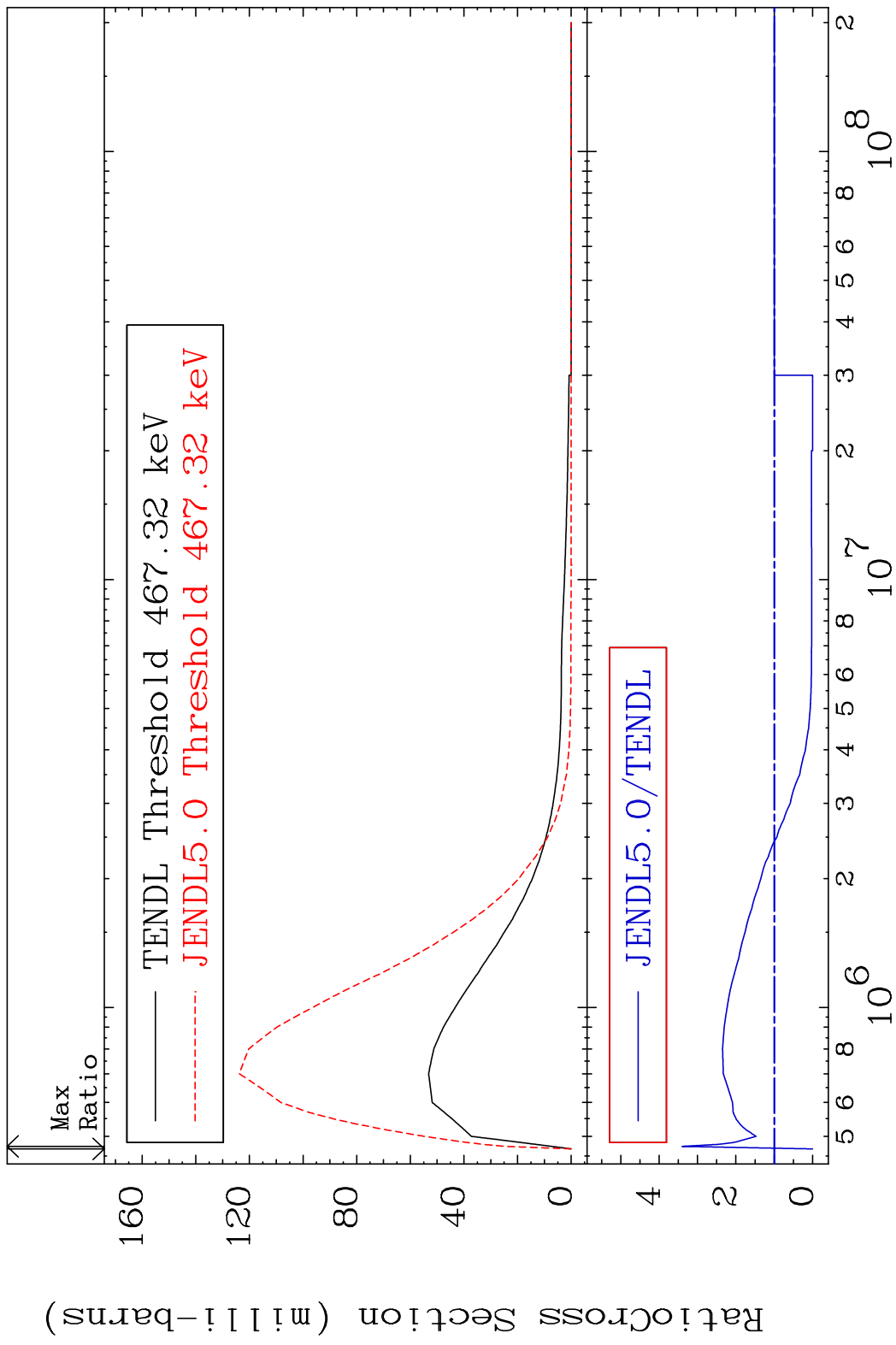
MAT 6728 MT= 75 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 46.67 %



MAT 6728 MT= 76 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 233.3 %

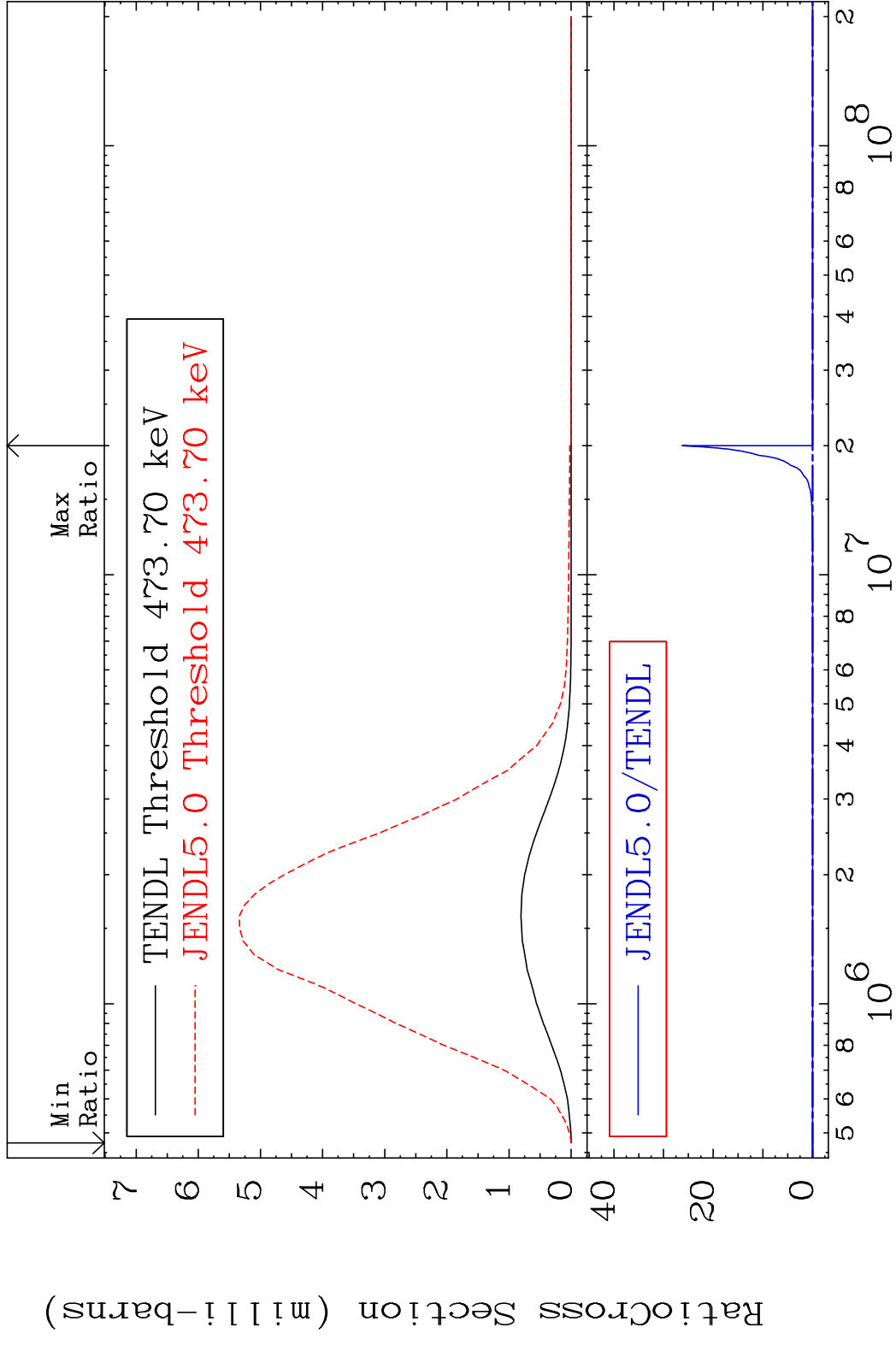


MAT 6728 MT= 77 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 239.6 %



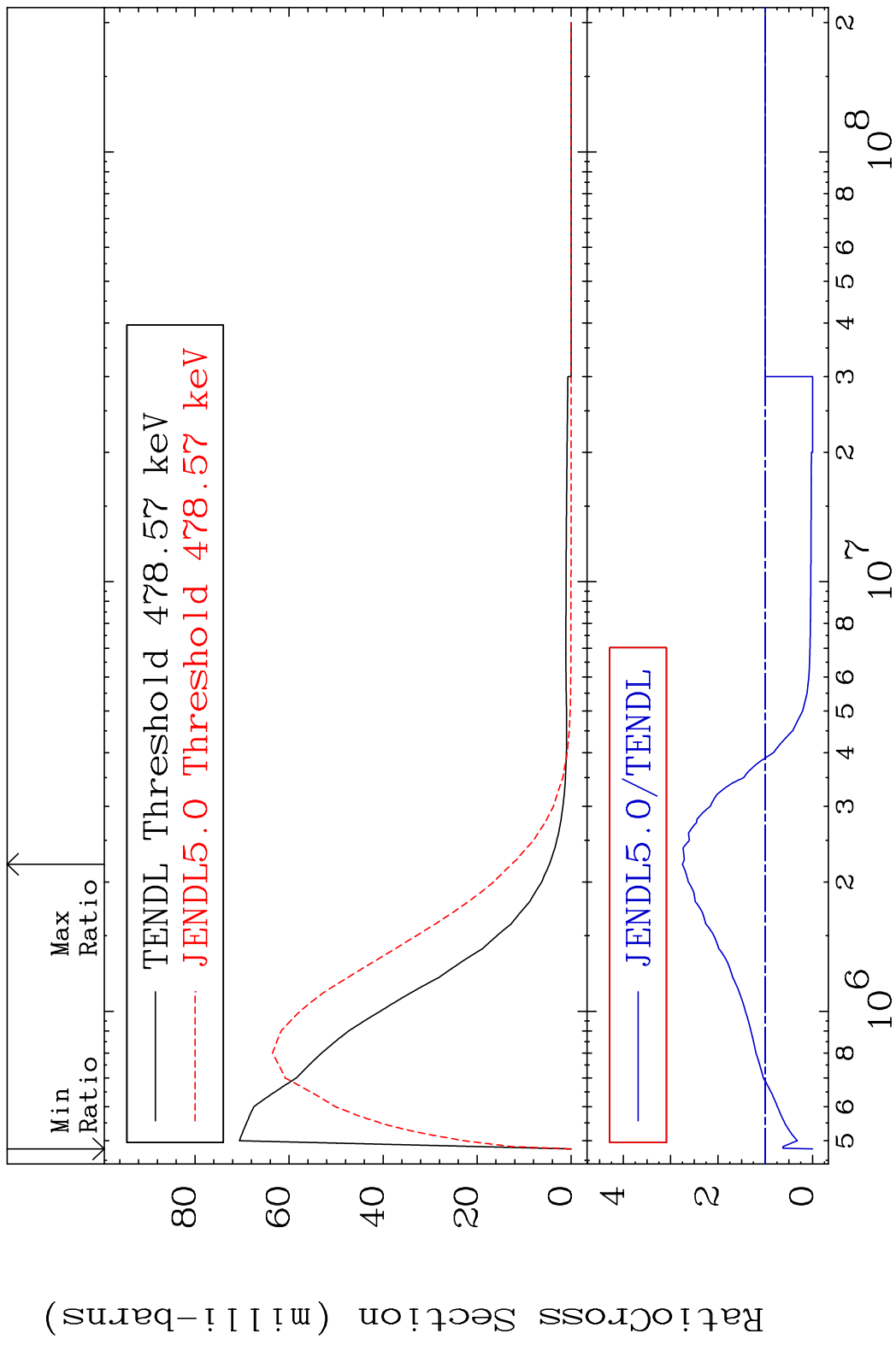


MAT 6728 MT= 78 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 67-Ho-166

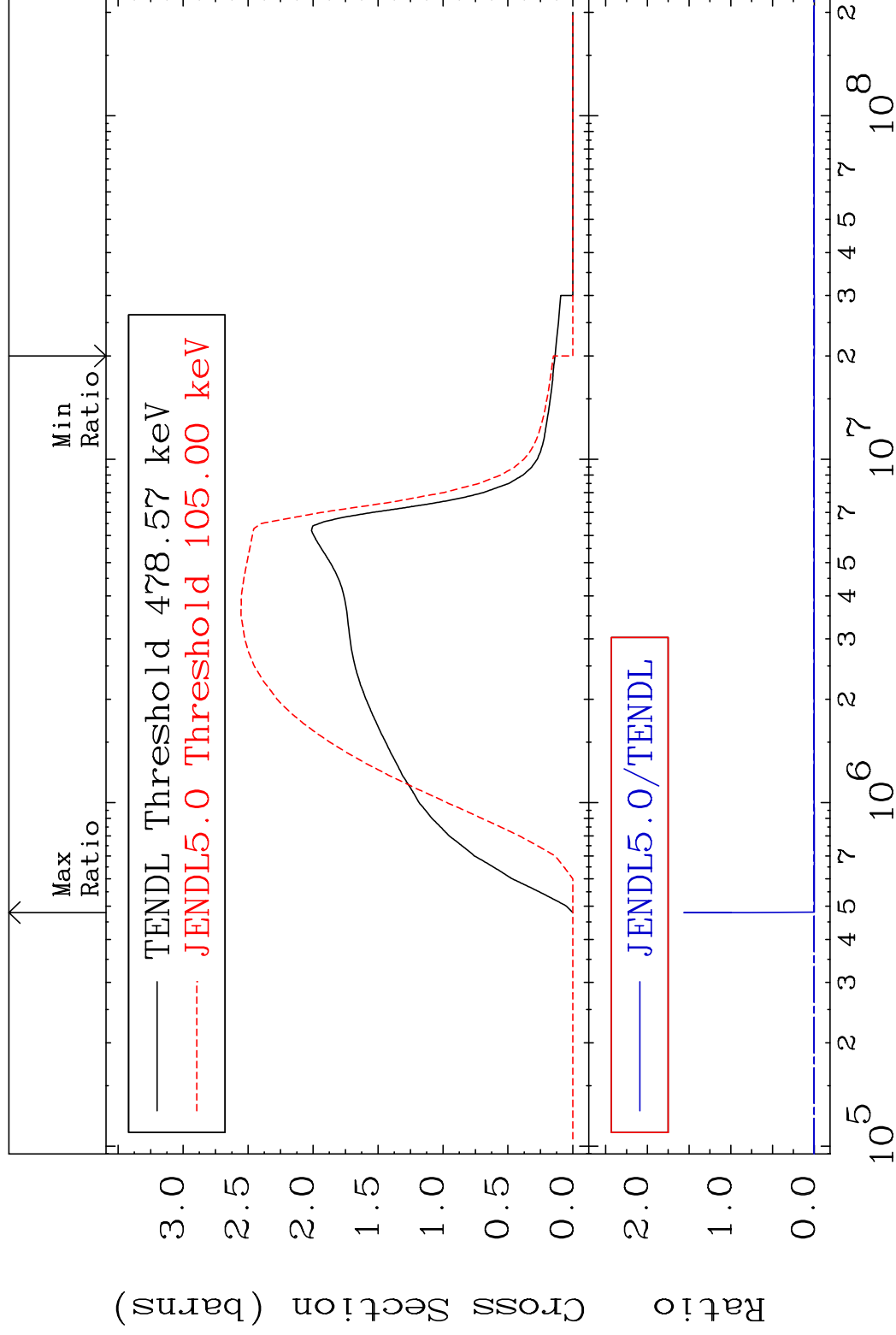
MAT 6728 MT= 79 (n, n') Level 67-Ho-166  
 Cross Section -100.0 To 175.2 %



MAT 6728

(n,n') Continuum 67-Ho-166

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

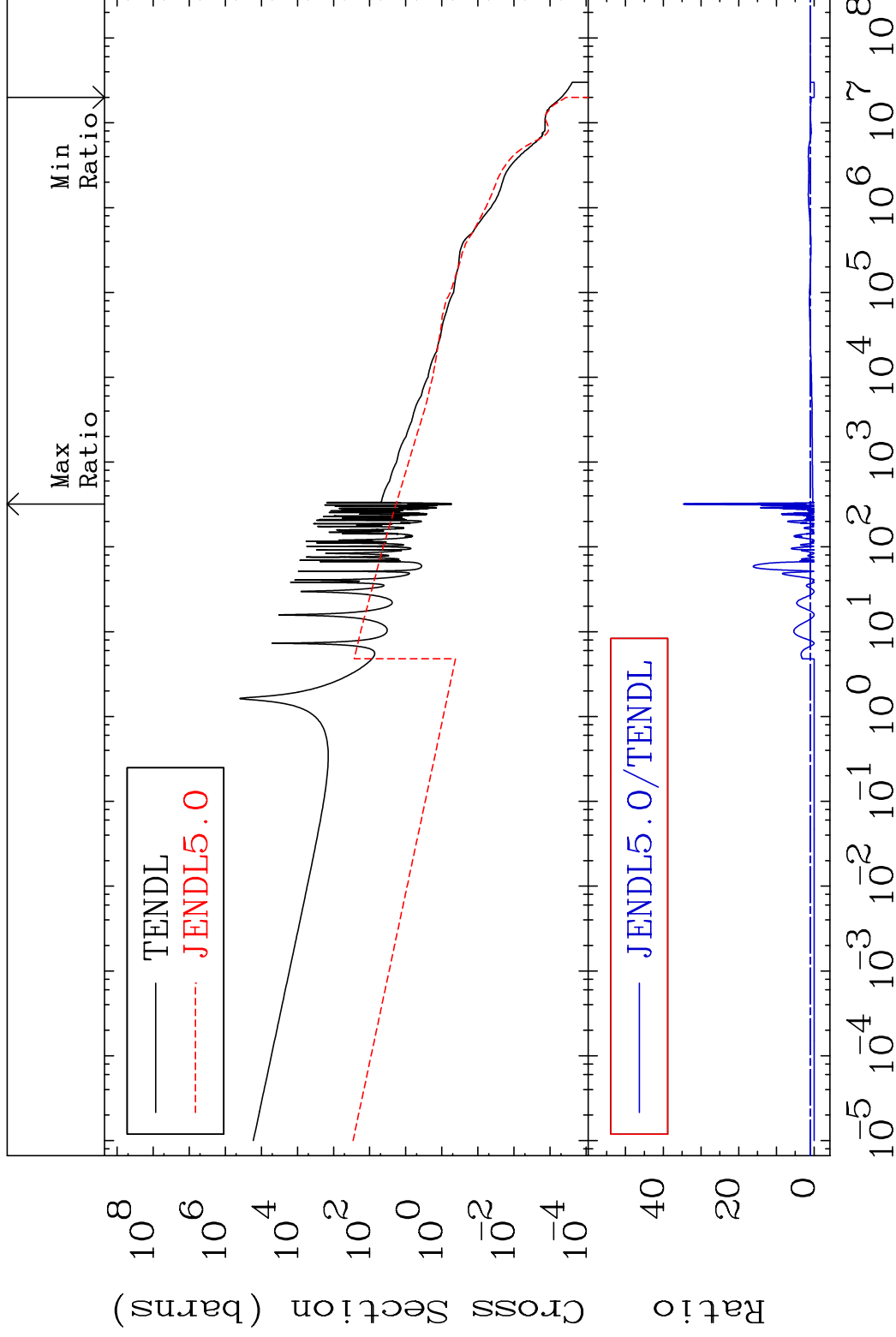
67-Ho-166

MAT 6728

(n,  $\gamma$ )

67-Ho-166

Cross Section -100.0 To 3359. %



43

Incident Energy (eV)

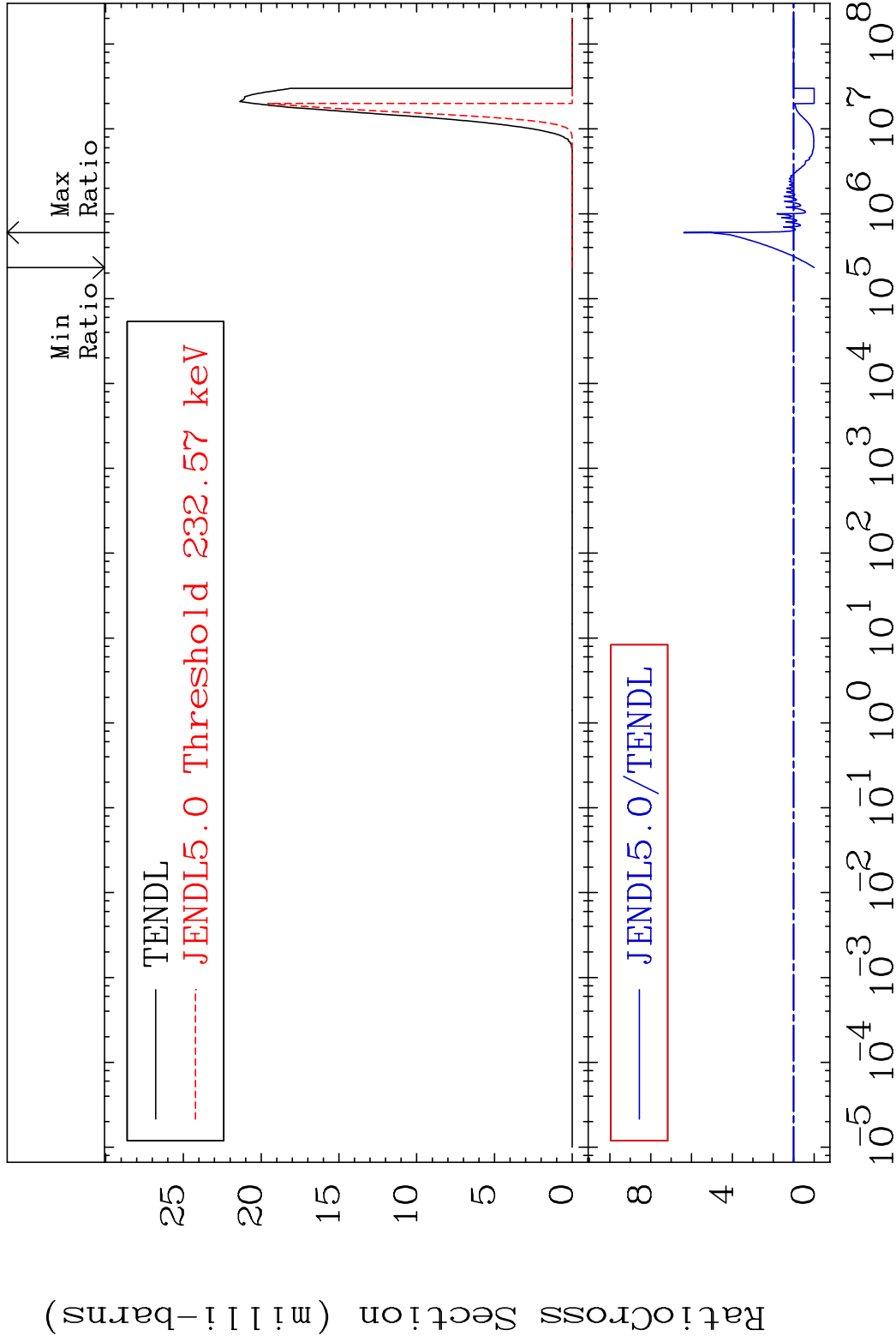
67-Ho-166

MAT 6728

(n, p)

67-Ho-166

Cross Section -100.0 To 538.6 %



44

Incident Energy (eV)

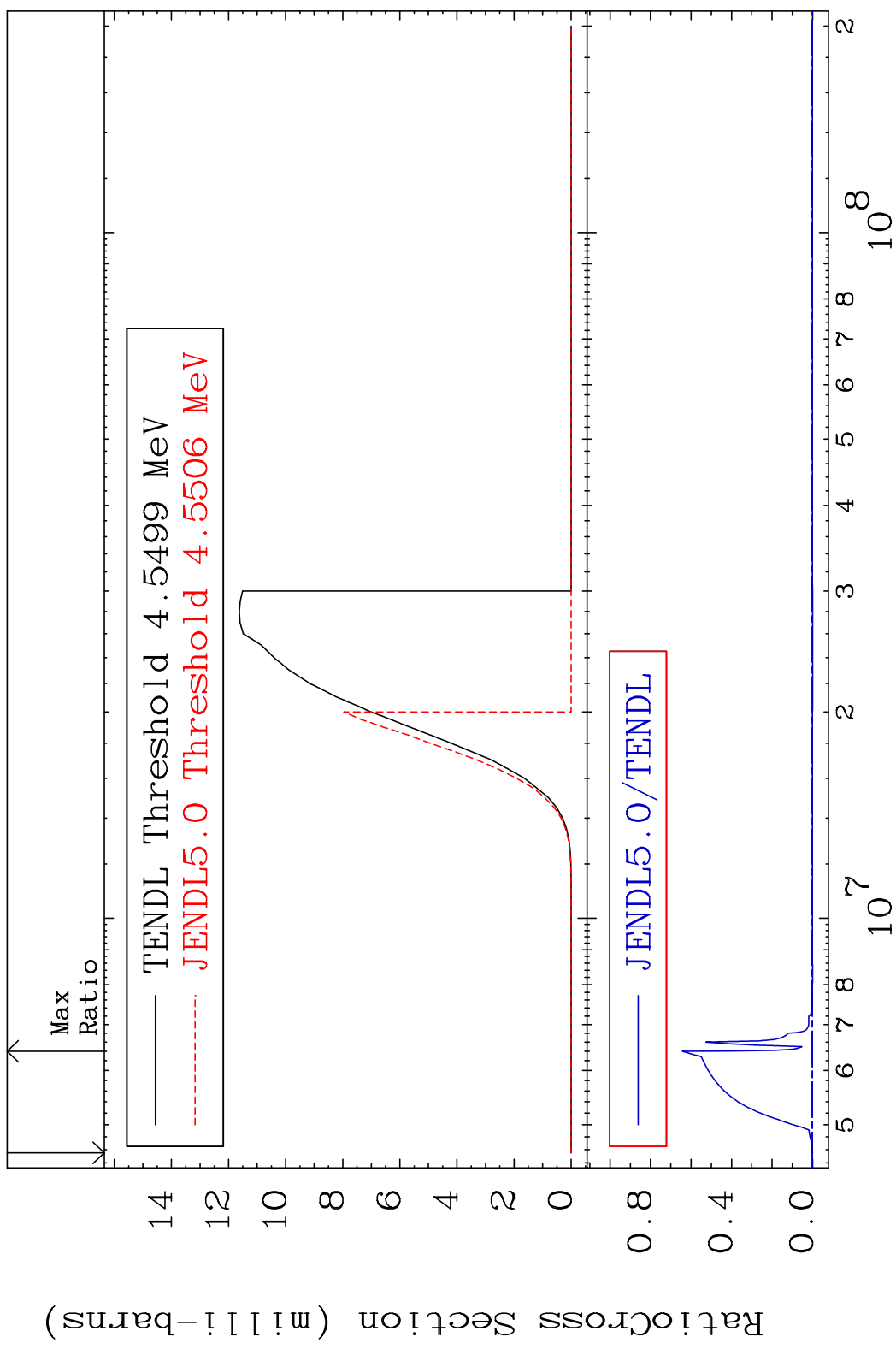
67-Ho-166

MAT 6728

(n,d)

67-Ho-166

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

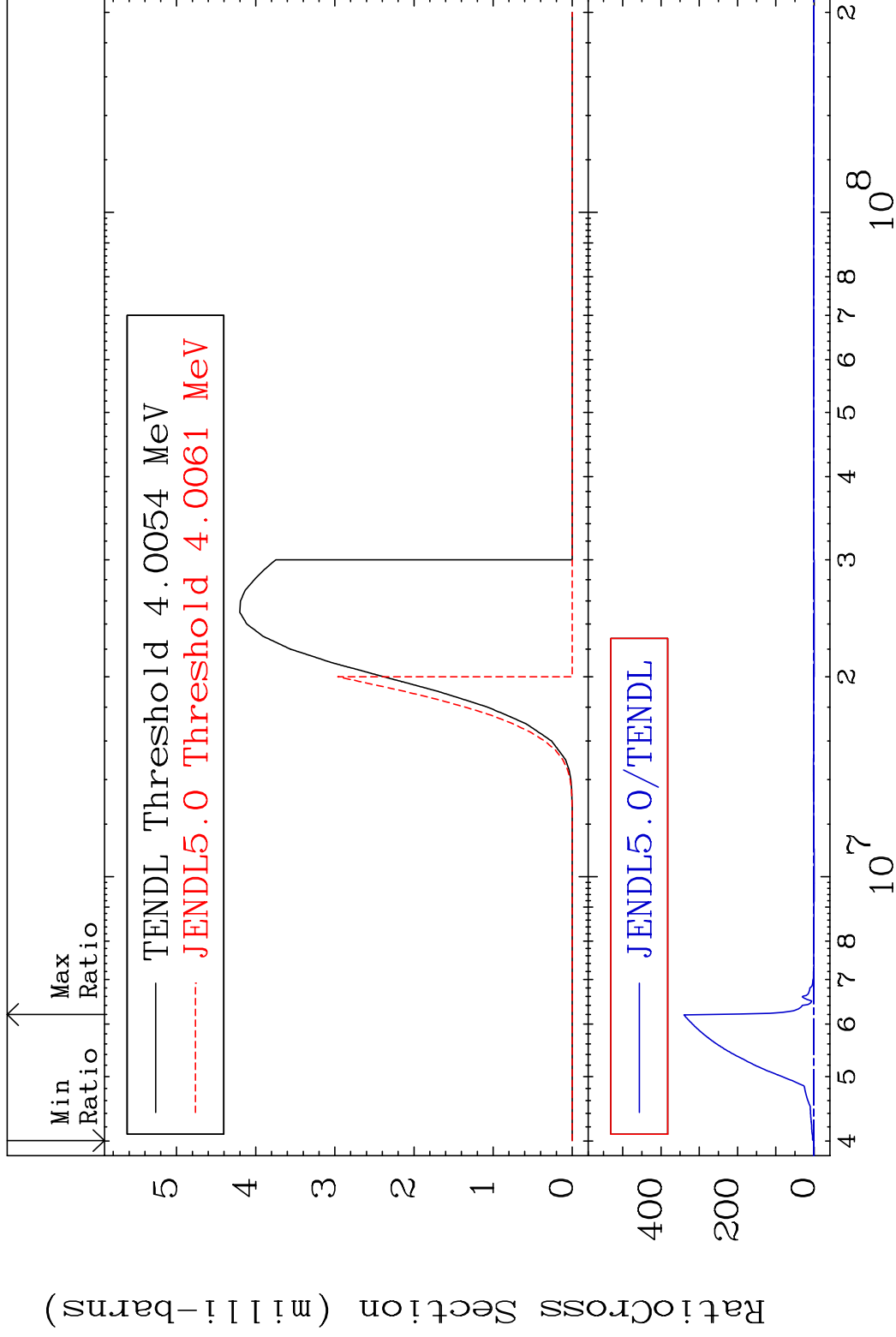
67-Ho-166

MAT 6728

(n, t)

67-Ho-166

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

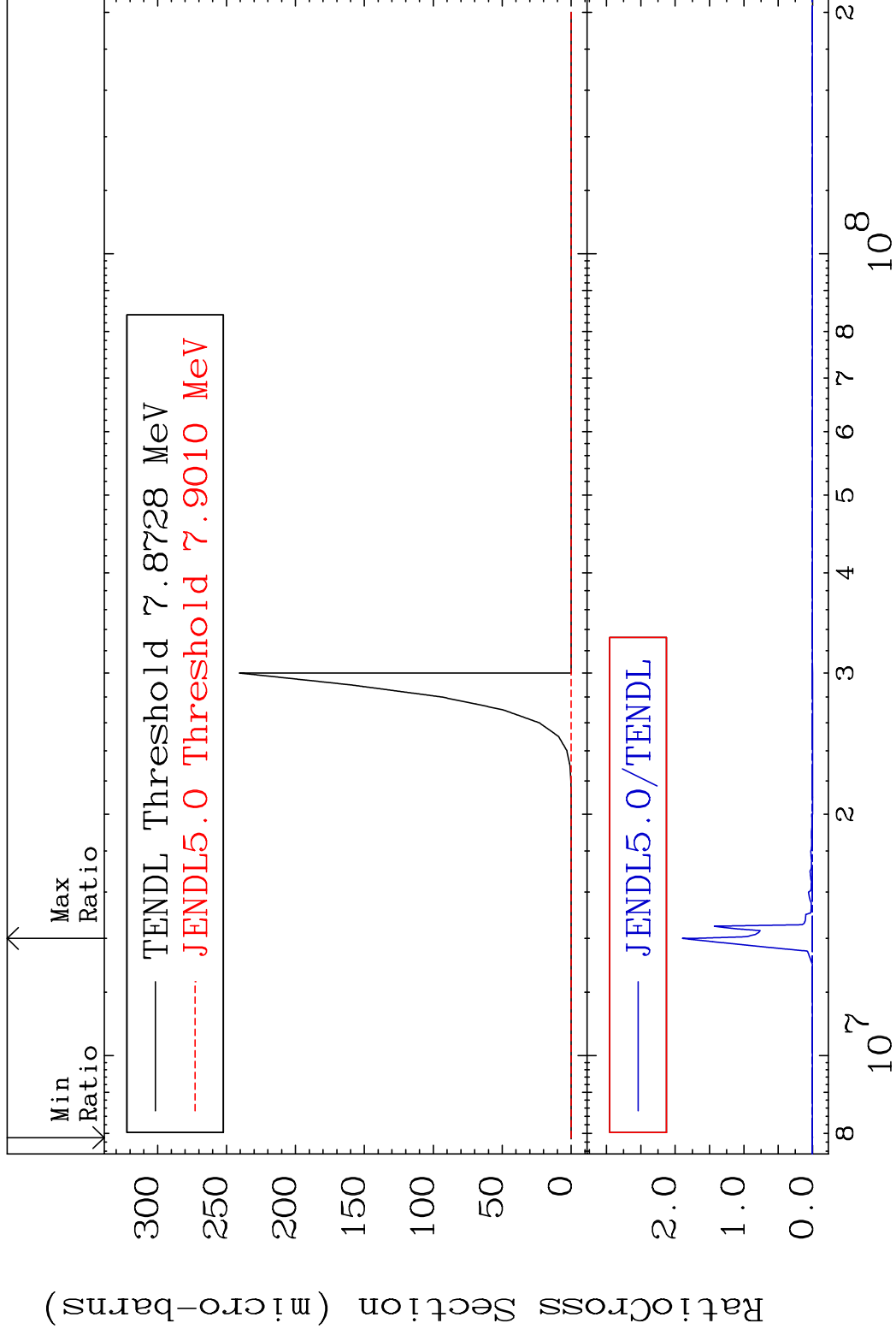
67-Ho-166

MAT 6728

(n, He-3)

67-Ho-166

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

67-Ho-166

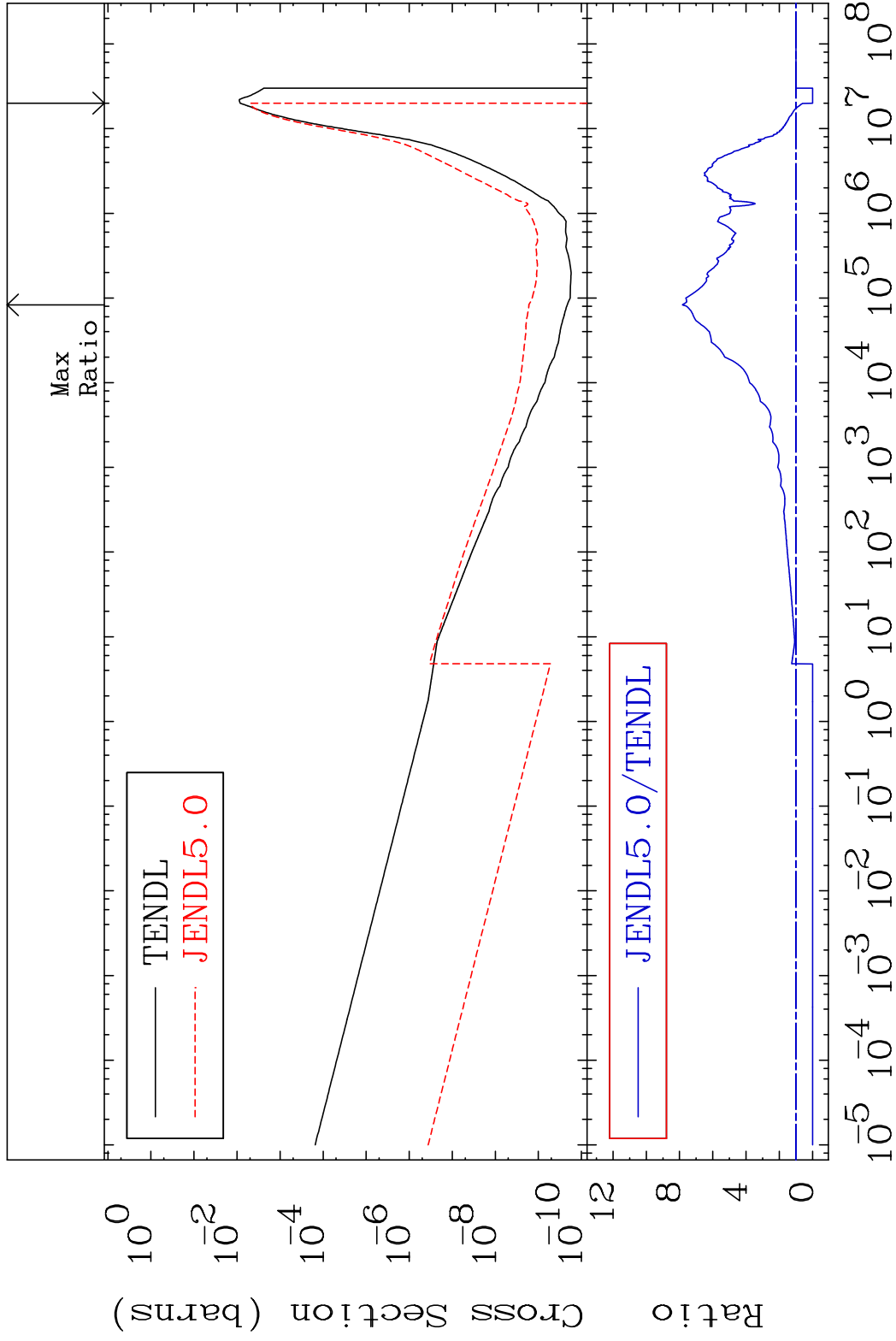


MAT 6728

(n,  $\alpha$ )

67-Ho-166

Cross Section -100.0 To 683.1 %



48

Incident Energy (eV)

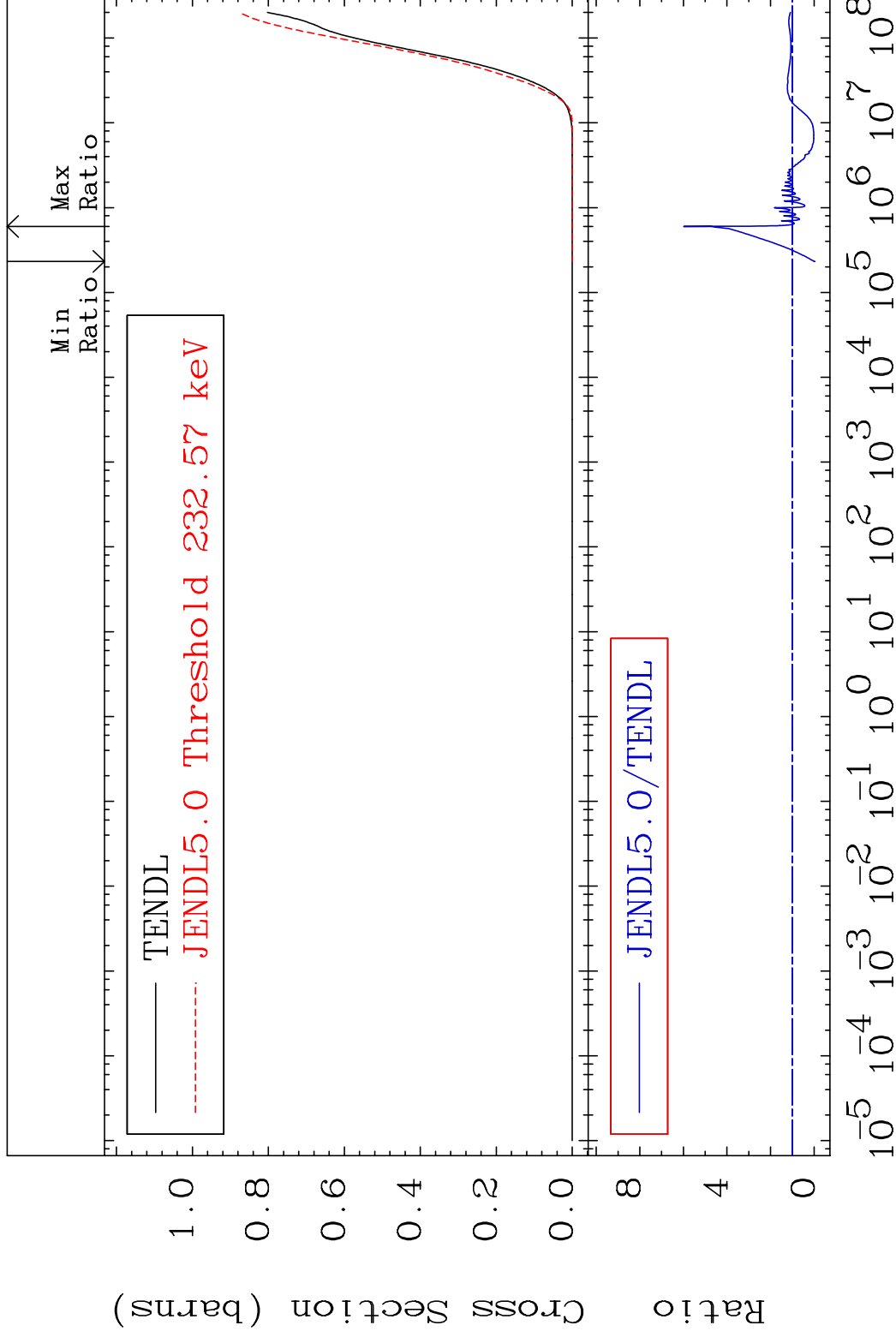
67-Ho-166

MAT 6728

Hydrogen Production

67-Ho-166

Cross Section -100.0 To 498.8 %



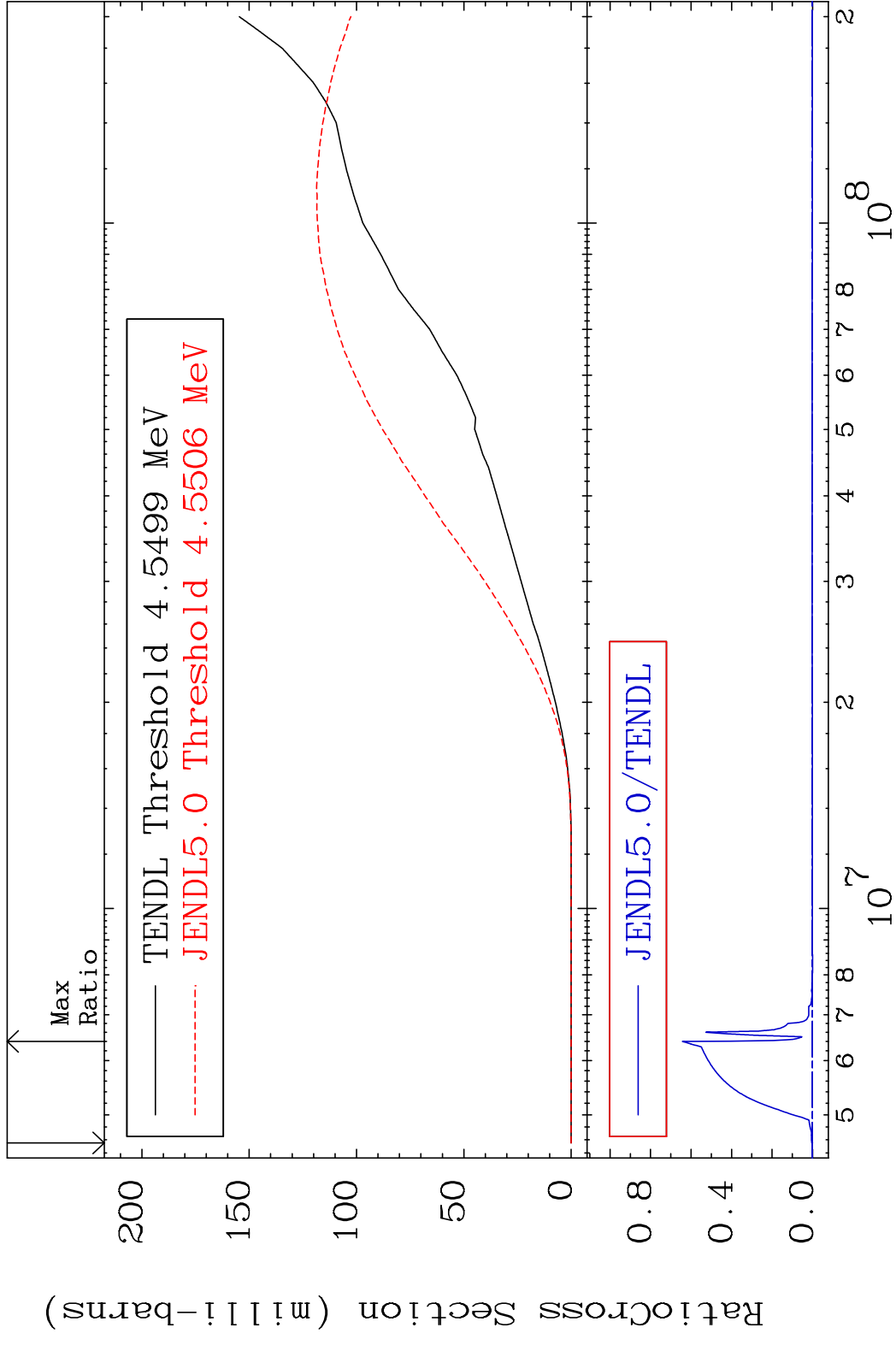
49

Incident Energy (eV)

67-Ho-166

MAT 6728

Deuterium Production 67-Ho-166  
Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

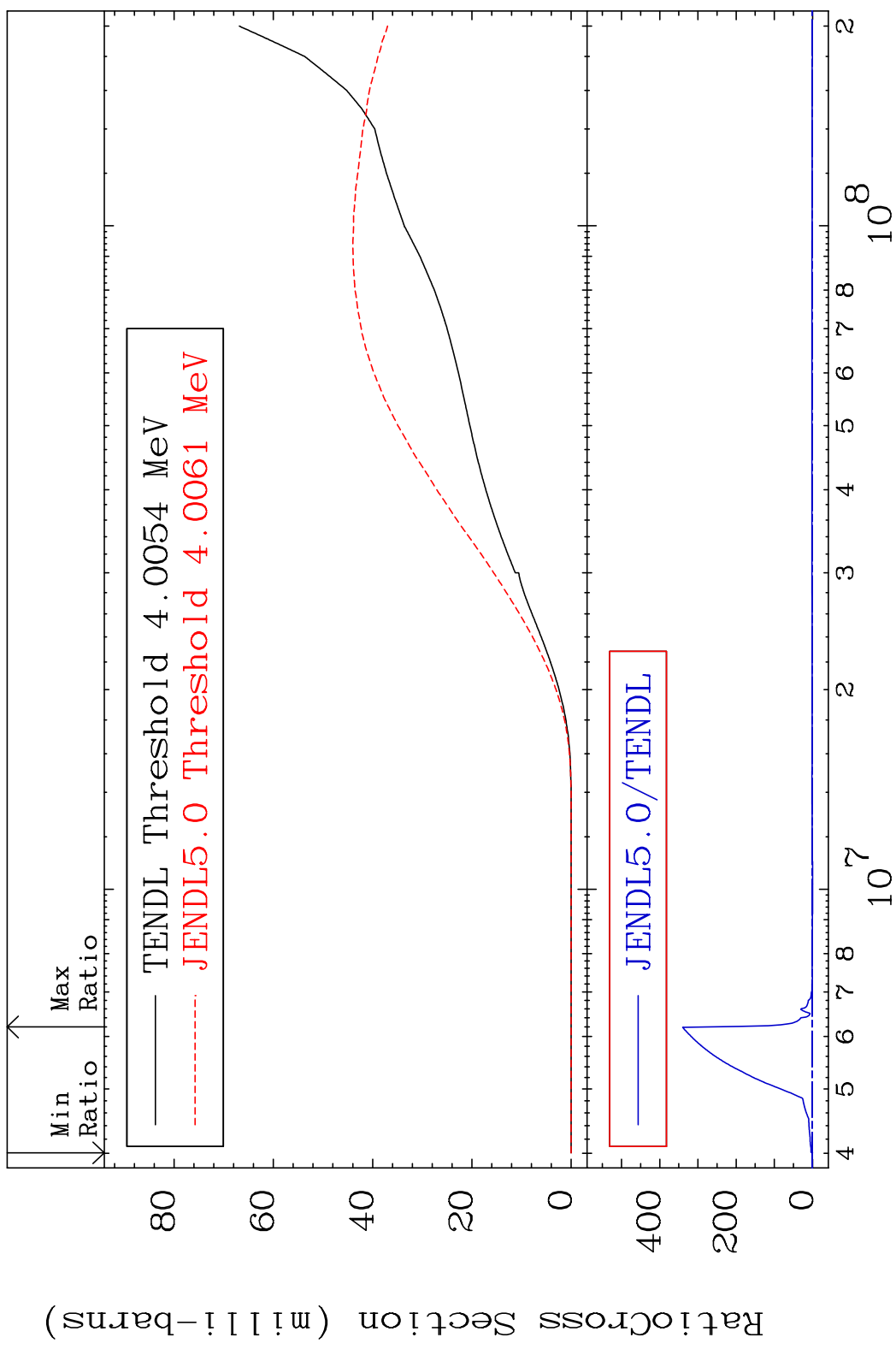
67-Ho-166

MAT 6728

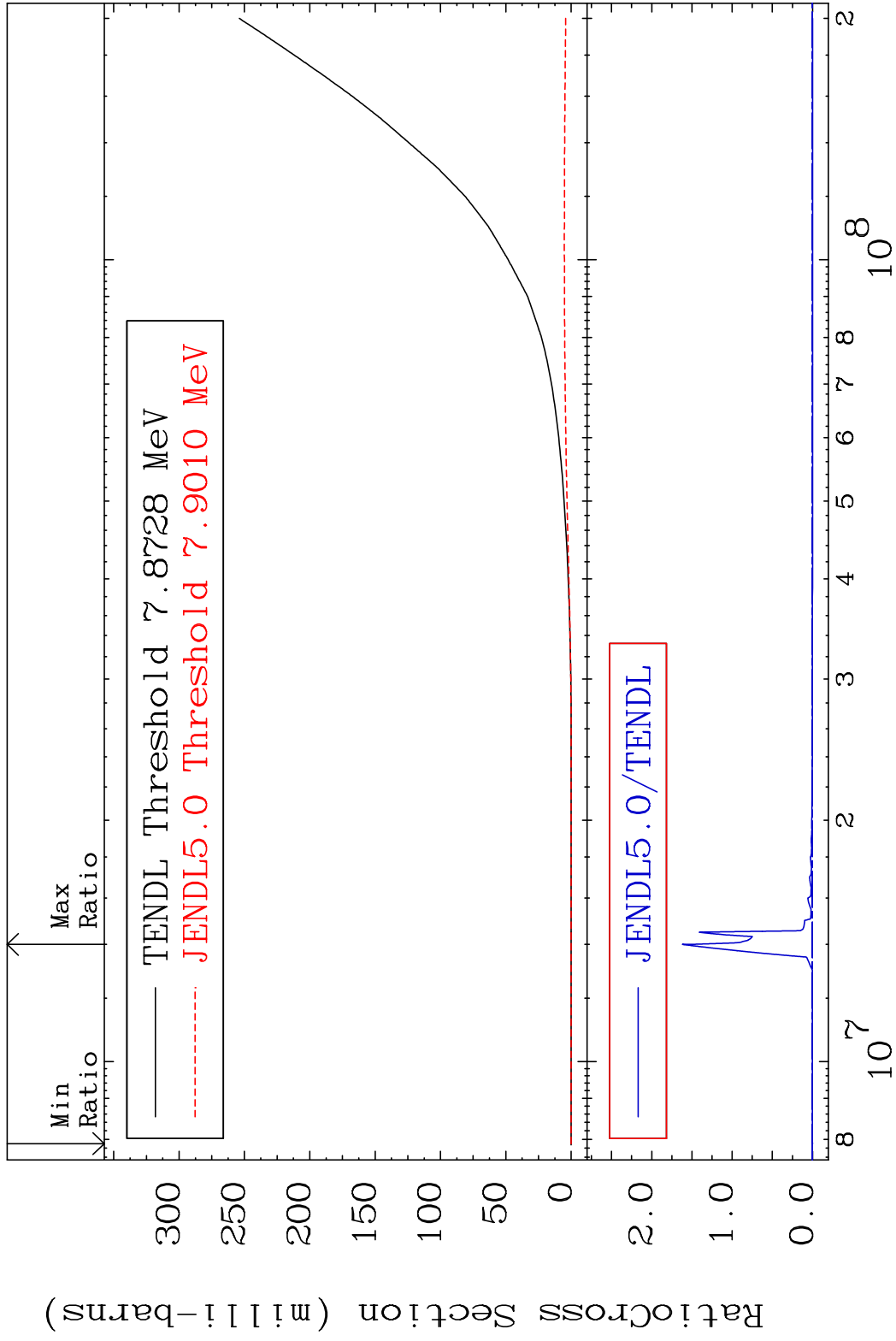
Tritium Production

67-Ho-166

Cross Section -100.0 To 9999. %



Cross Section -100.0 To 9999. %

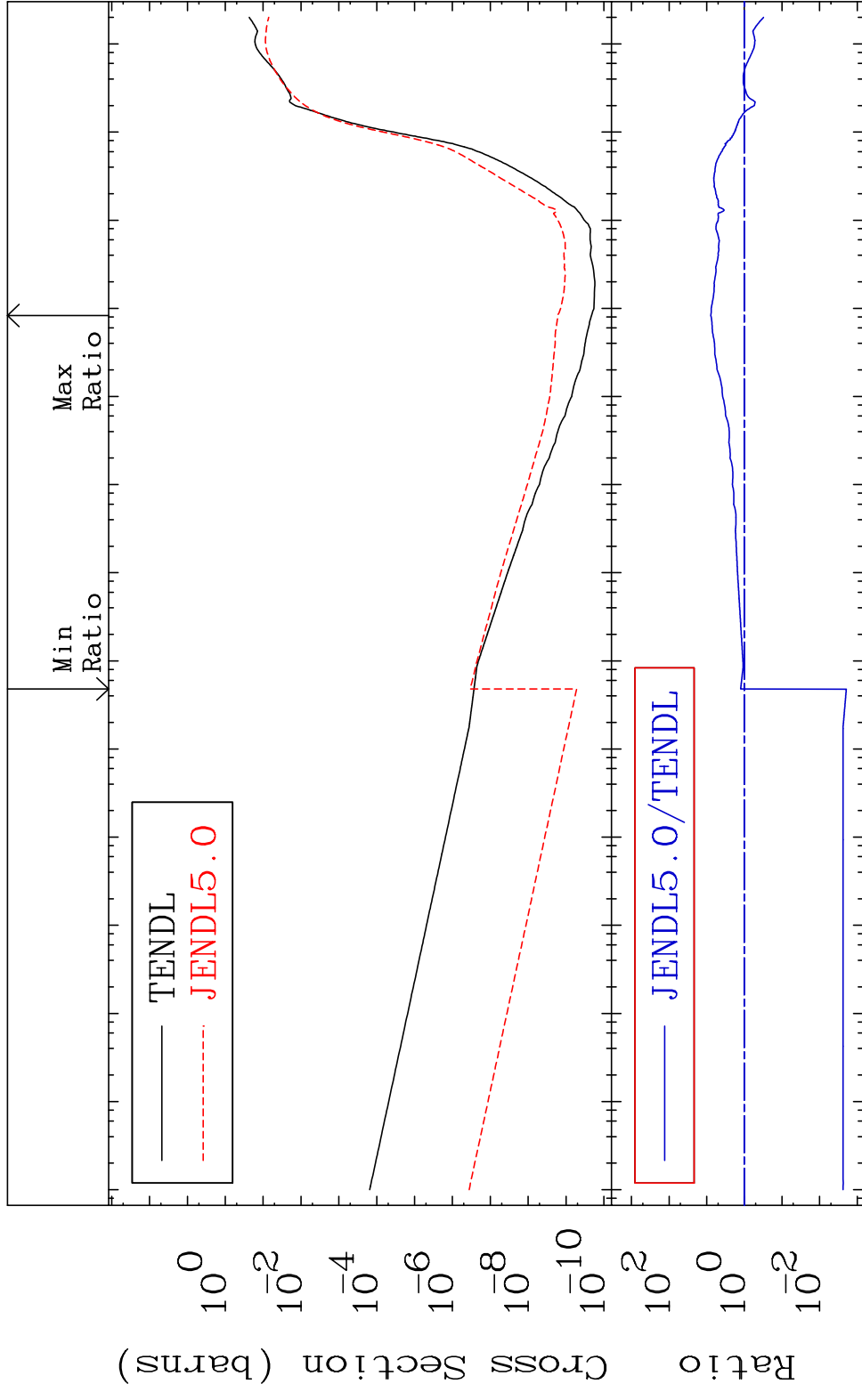


MAT 6728

He-4 Production

67-Ho-166

Cross Section -99.81 To 683.1 %



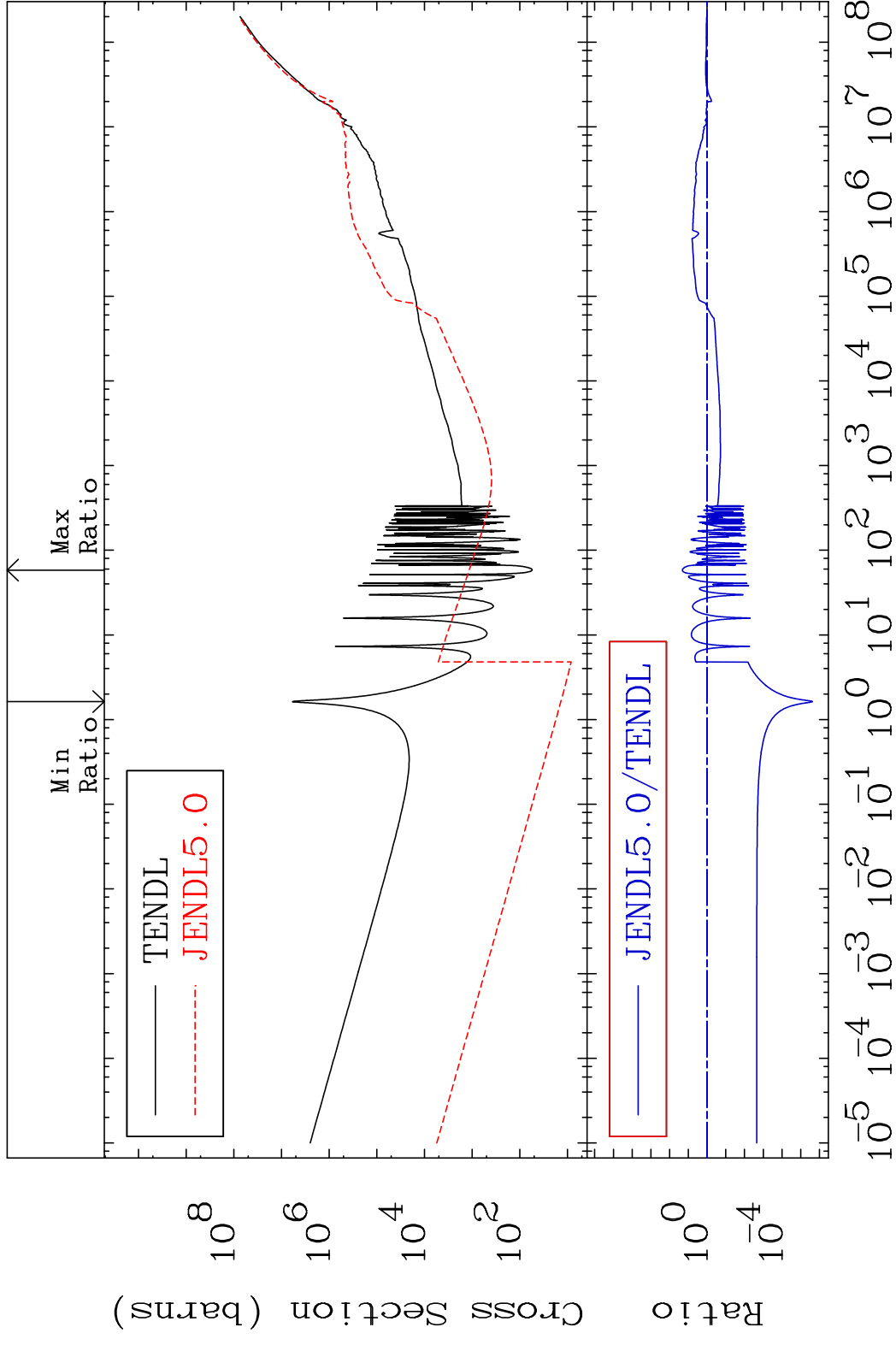
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

53

Incident Energy (eV)

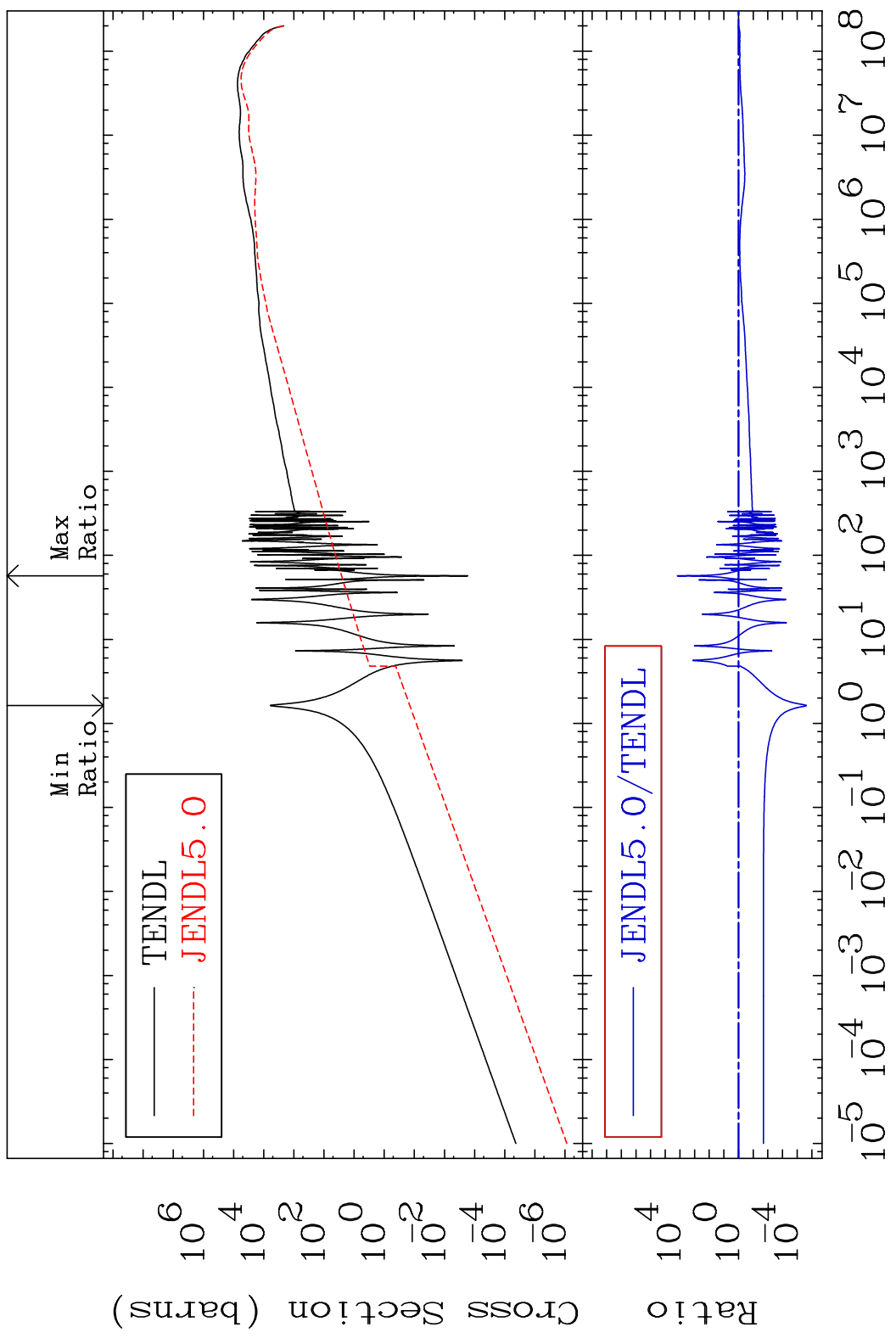
67-Ho-166

MAT 6728 Kerma total (eV-barns) 67-Ho-166  
 Cross Section -100.0 To 1984. %



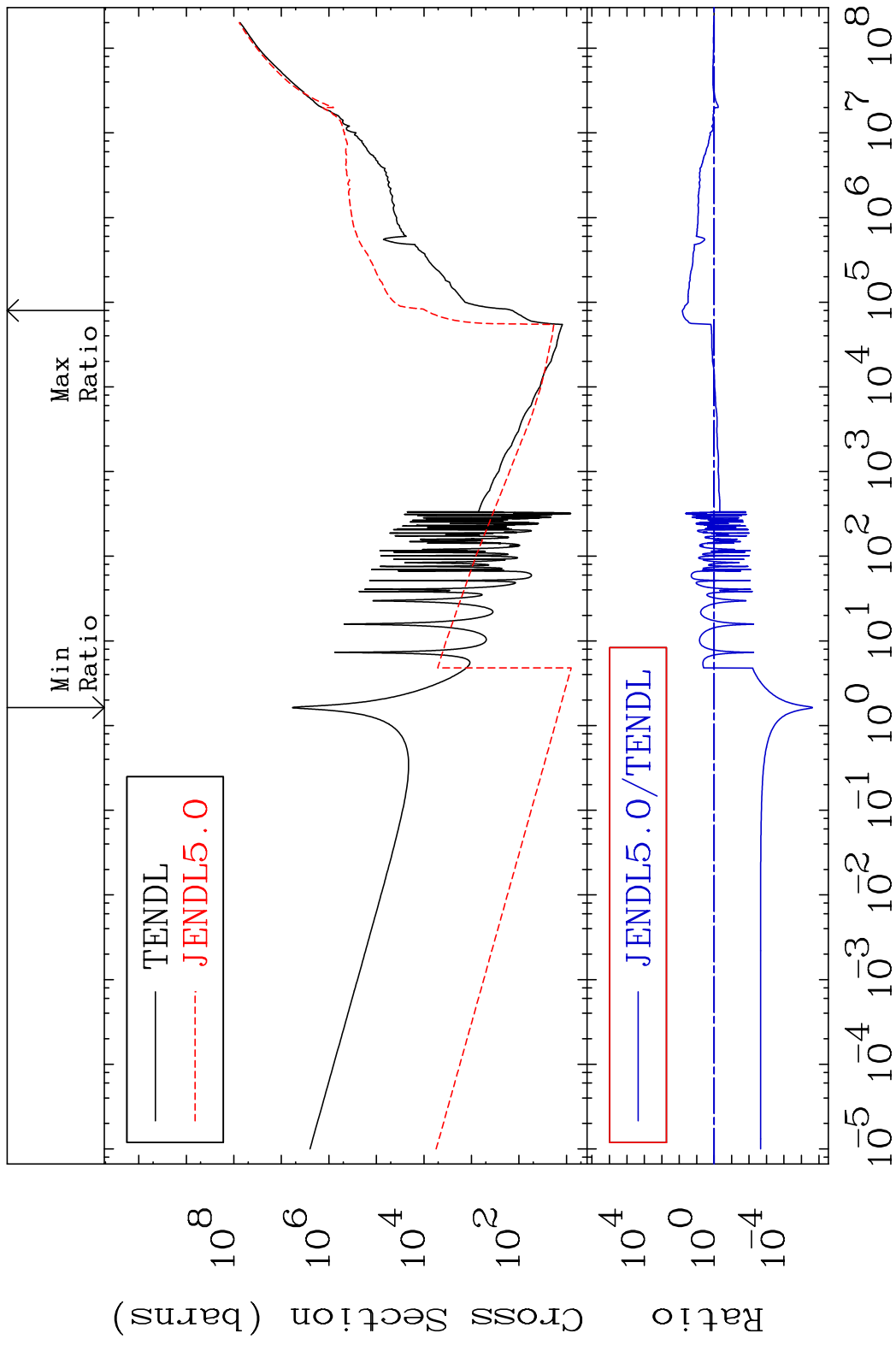
MAT 6728

Kerma elastic Cross Section -100.0 To 9999. %  
67-Ho-166

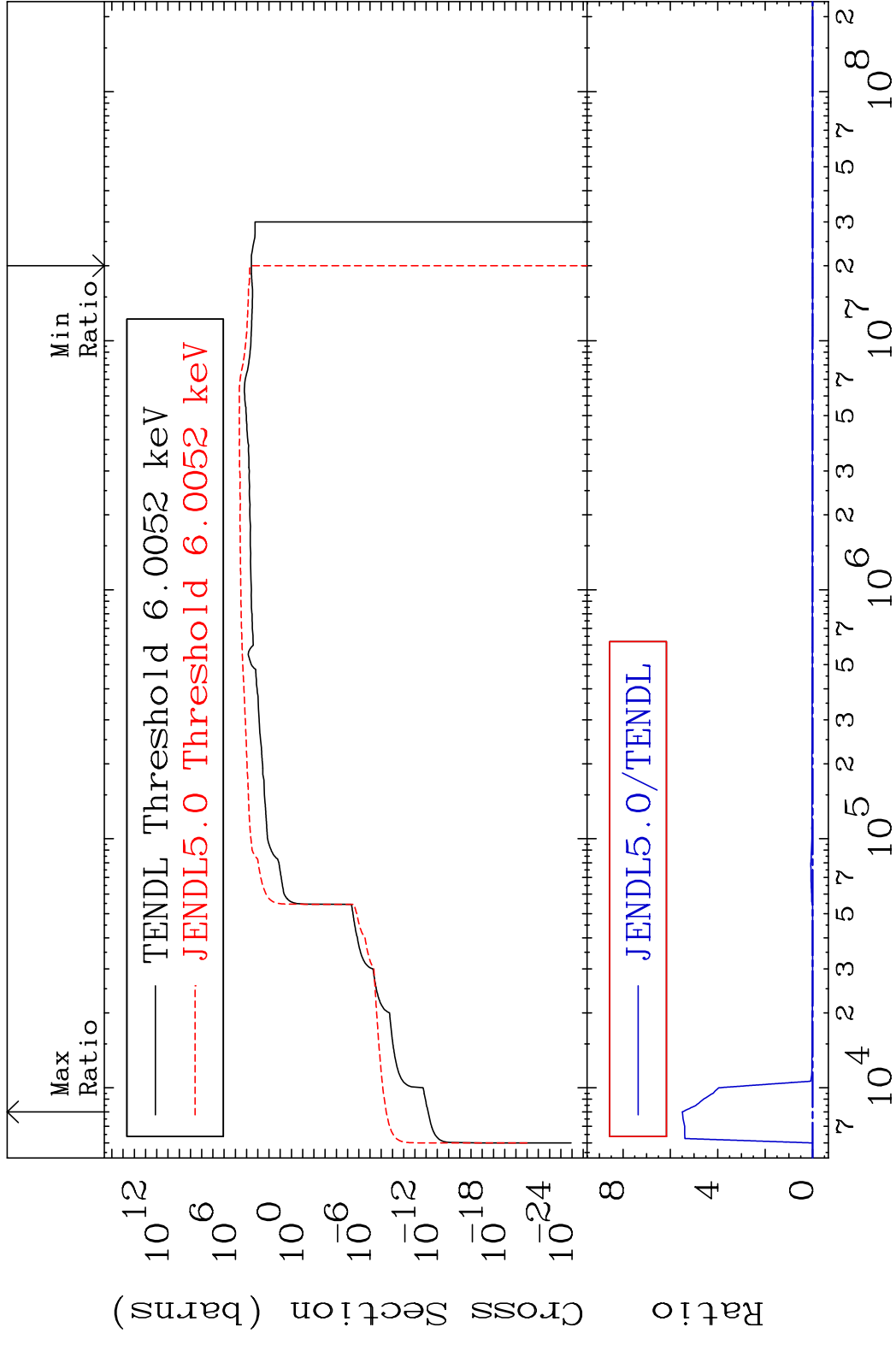




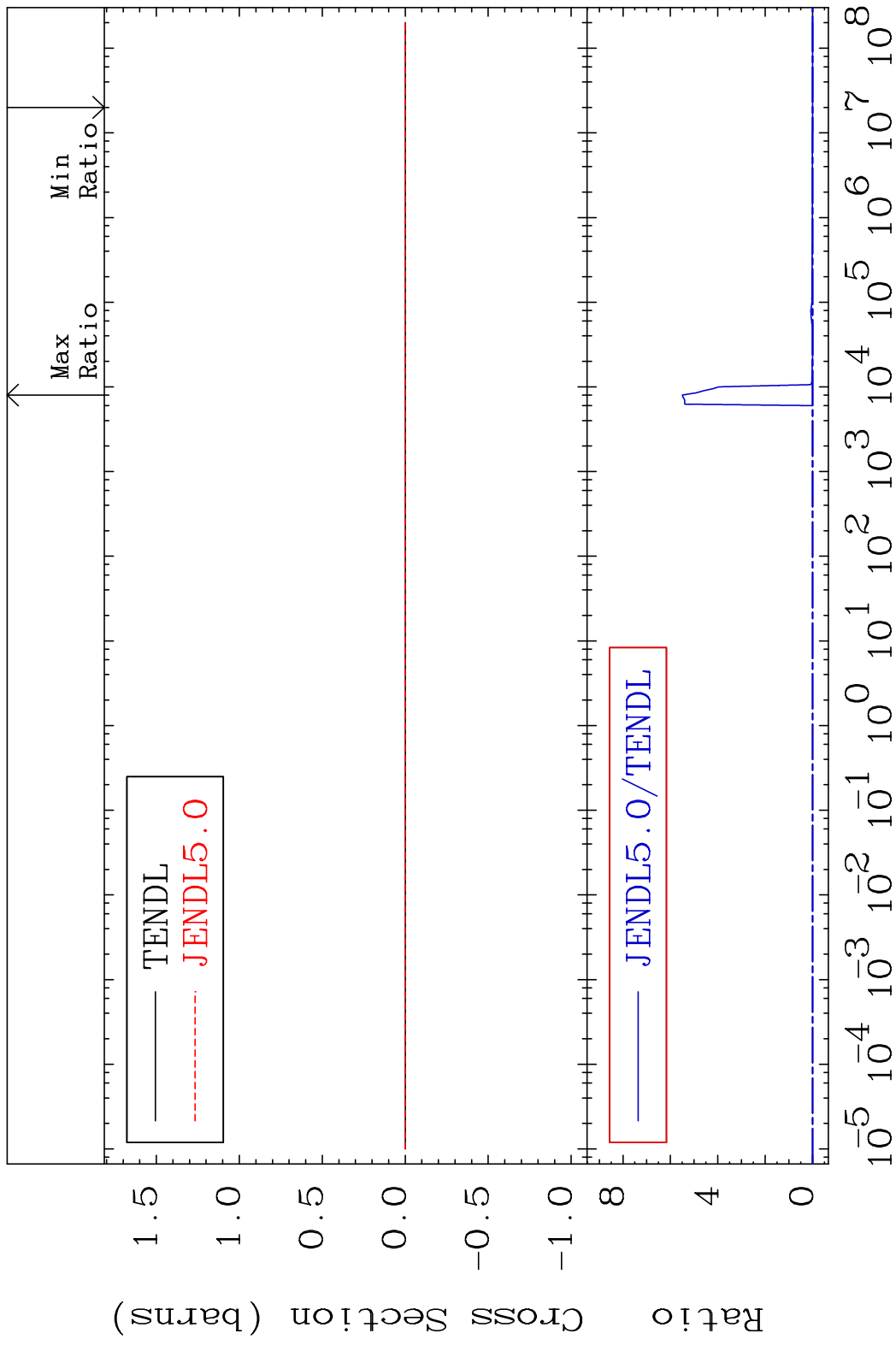
MAT 6728 Kerma non-elastic (all but mt2) 67-Ho-166  
 Cross Section -100.0 To 6531. %



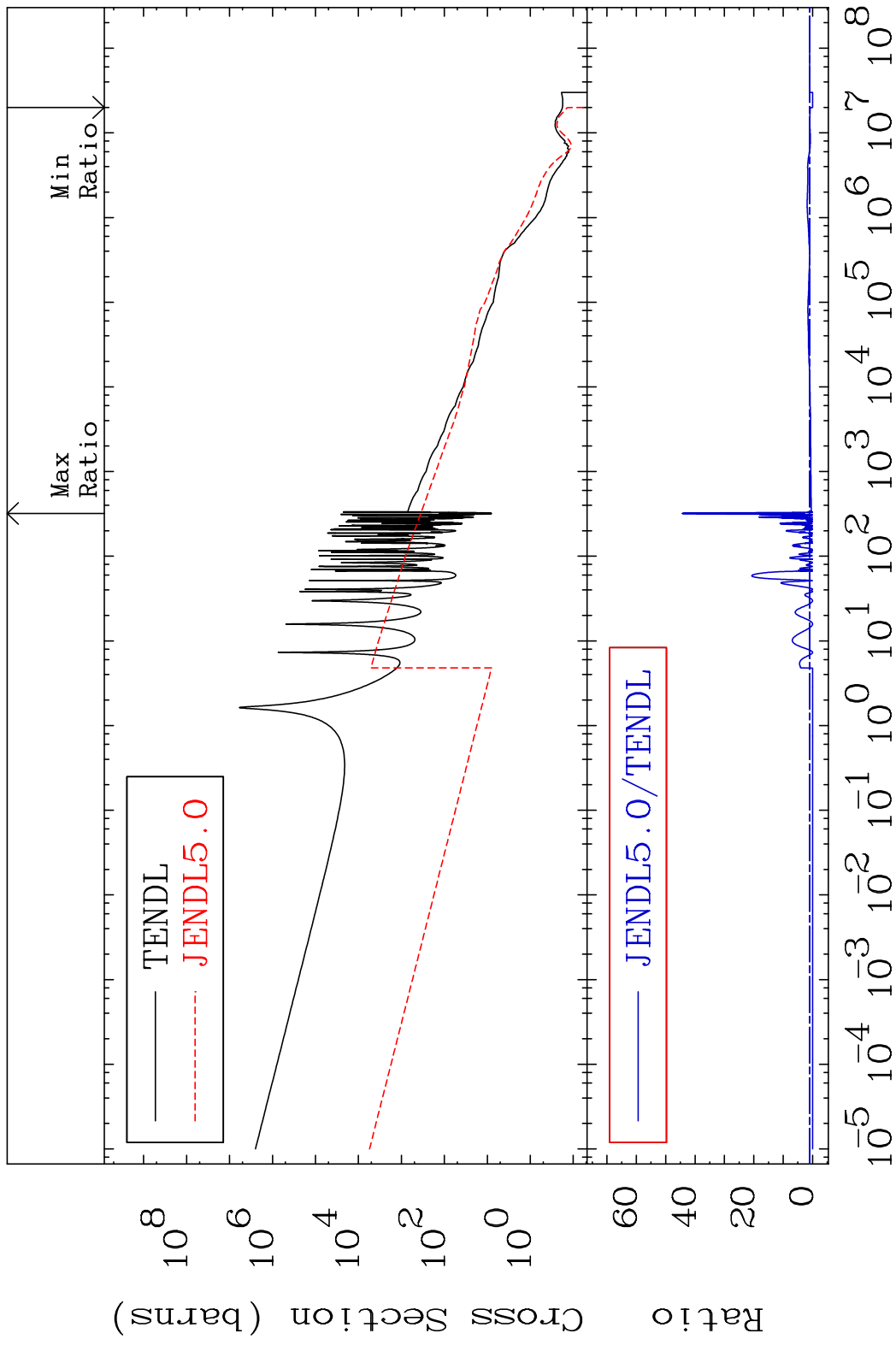
MAT 6728 Kerma inelastic (mt51-91) 67-Ho-166  
 Cross Section -100.0 To 9999. %



MAT 6728 Kerma fission (mt18 or mt19-20-21-38) 67-Ho-166  
 Cross Section -100.0 To 9999. %

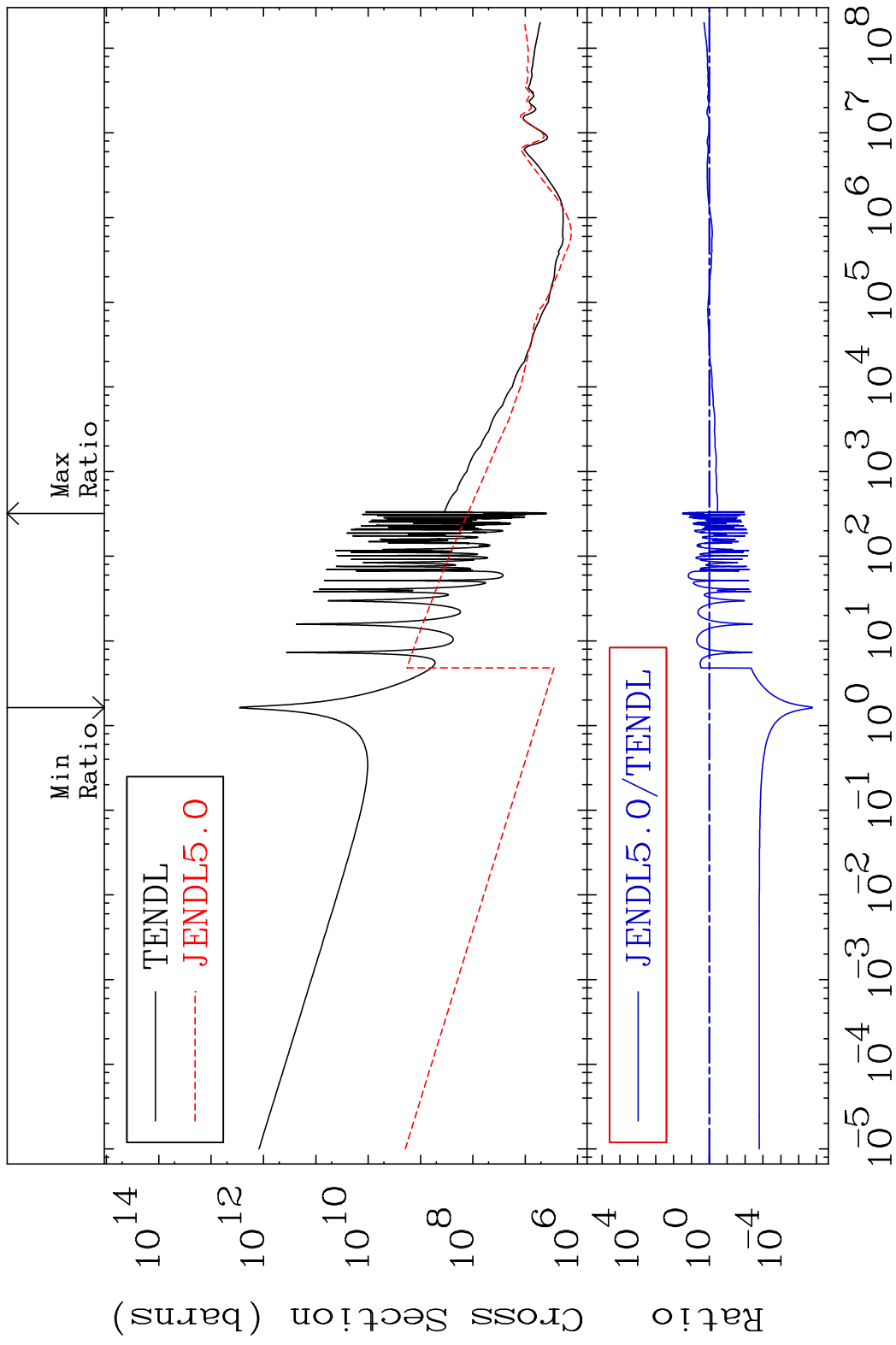


MAT 6728 Kerma capture (mt102) 67-Ho-166  
 Cross Section -100.0 To 4333. %



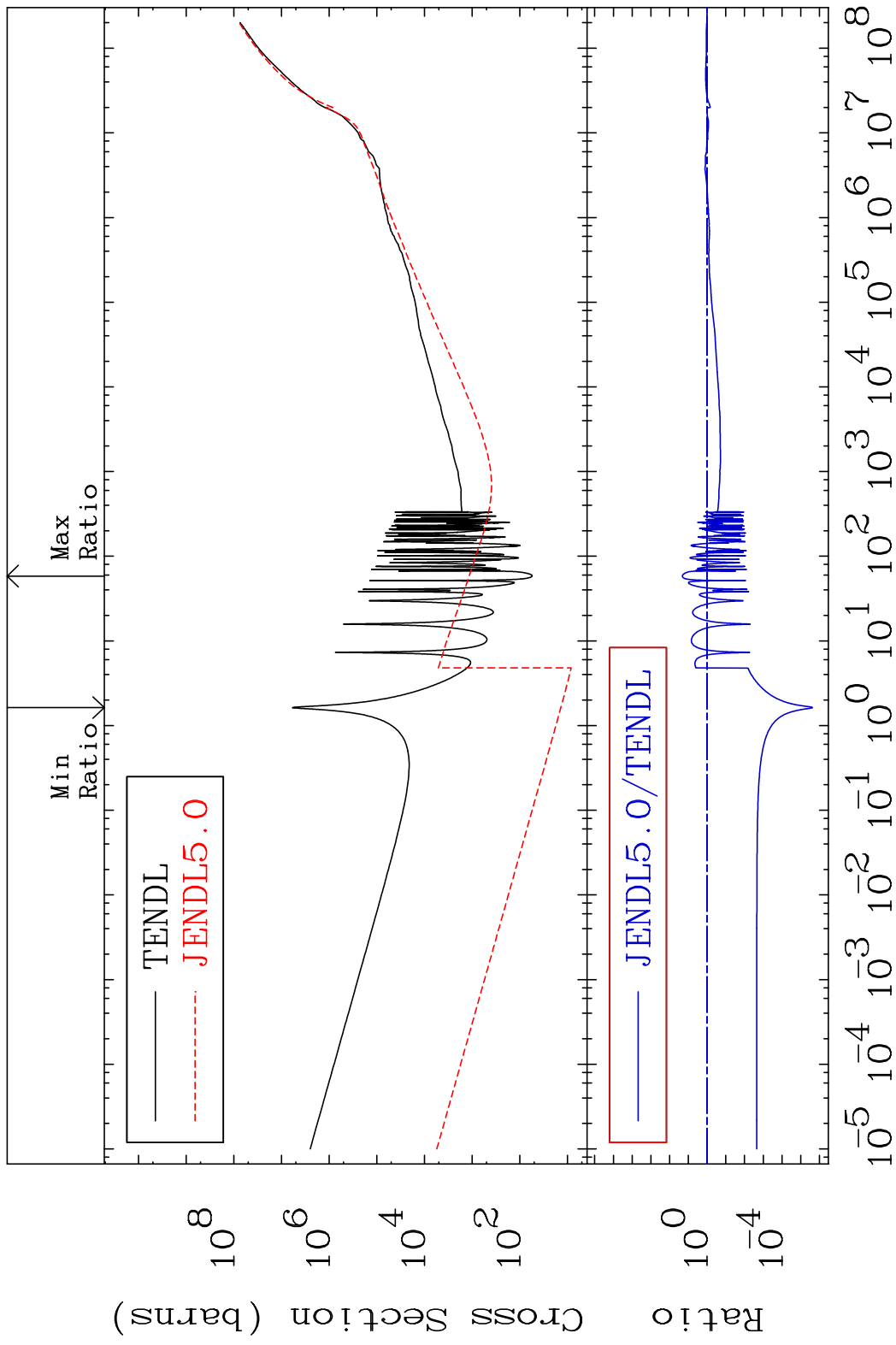
59 Incident Energy (eV) 67-Ho-166

MAT 6728 Total photon (eV-barns) 67-Ho-166  
 Cross Section -100.0 To 3115. %



60 Incident Energy (eV) 67-Ho-166

MAT 6728 Total kinematic kerma (high limit) 67-Ho-166  
 Cross Section -100.0 To 1984. %

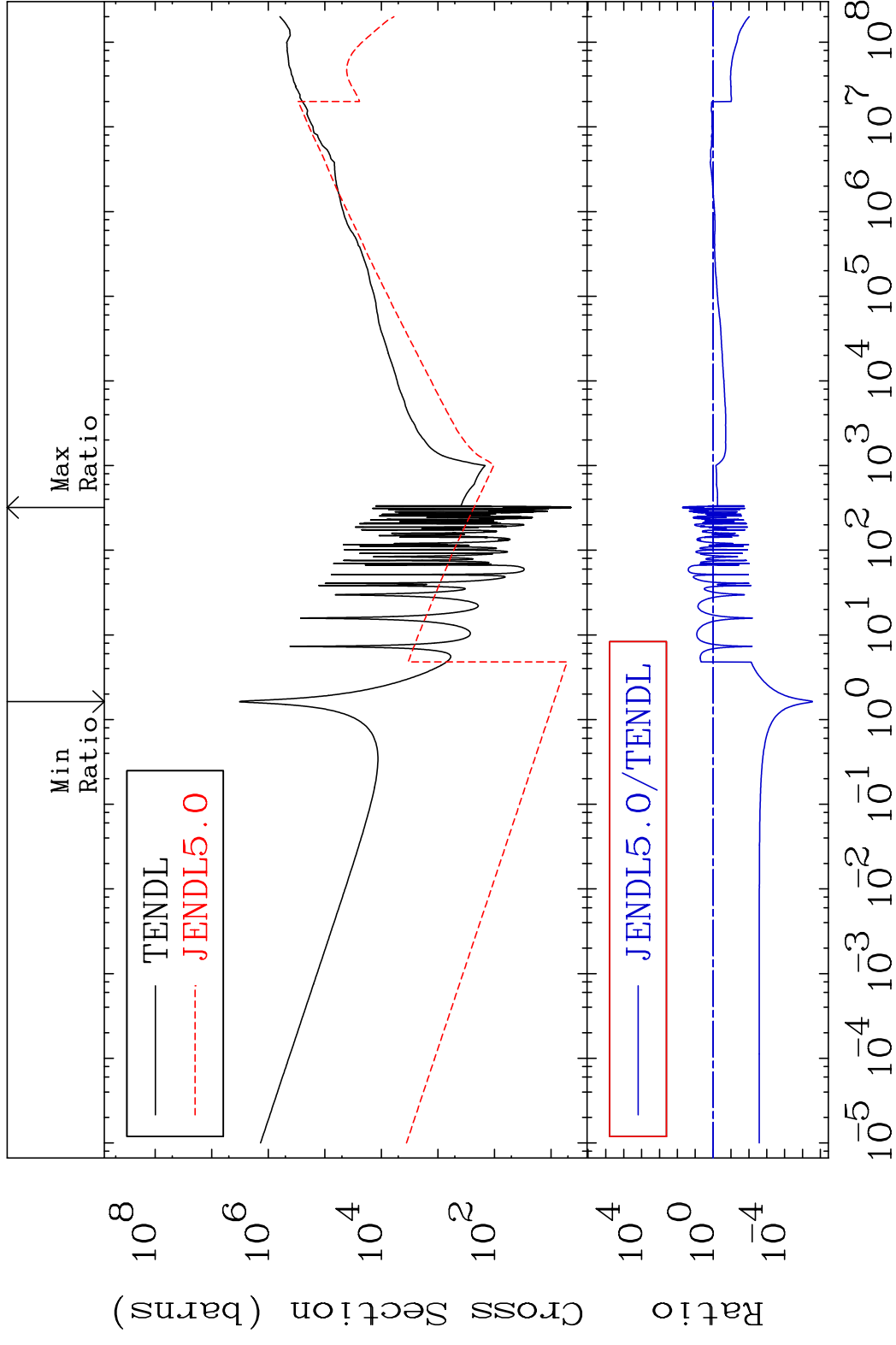


MAT 6728

Dpa total (eV-barns)

67-Ho-166

Cross Section -100.0 To 5157. %



62

Incident Energy (eV)

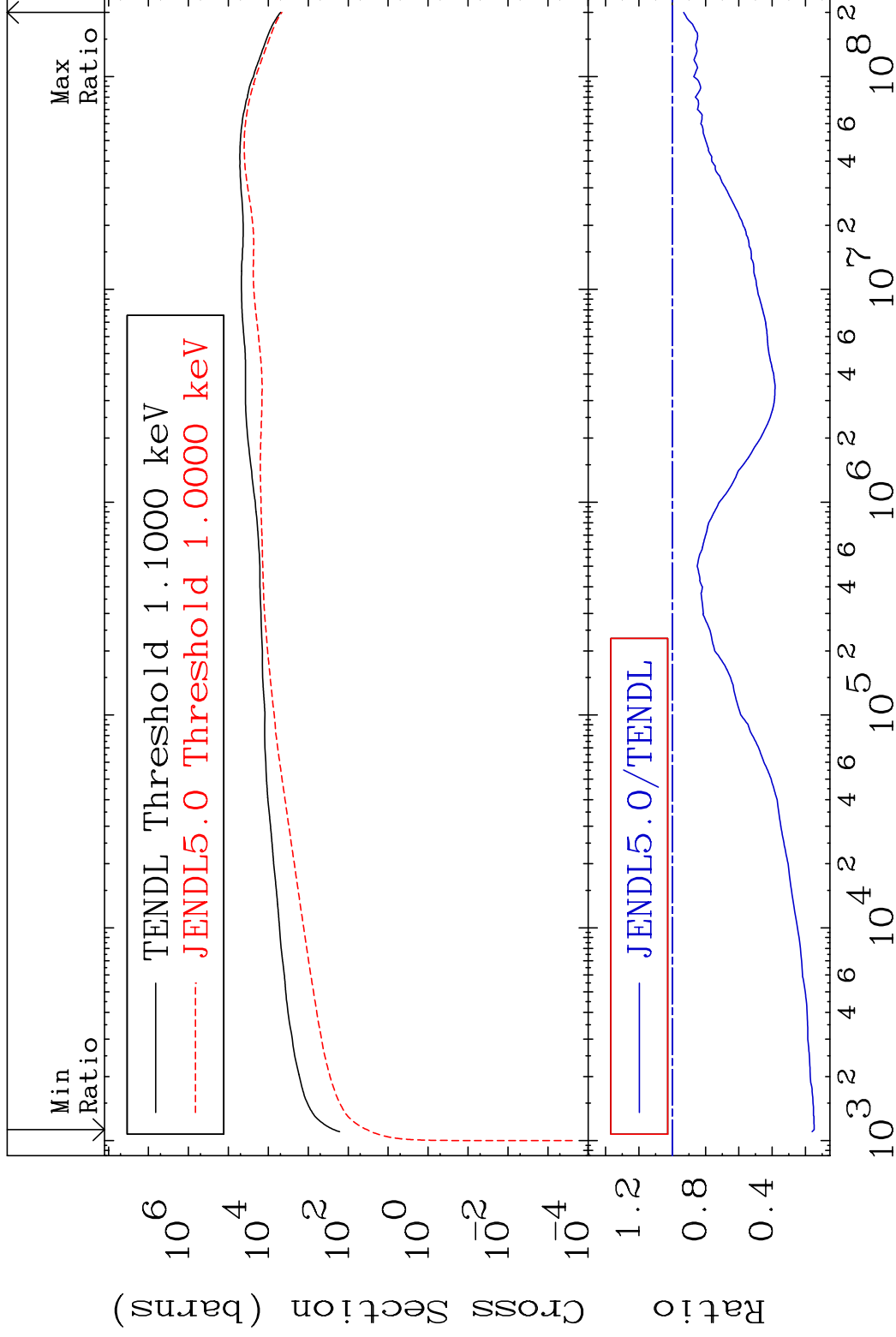
67-Ho-166

MAT 6728

Dpa elastic (mt2)

67-Ho-166

Cross Section -85.17 To -6.862%



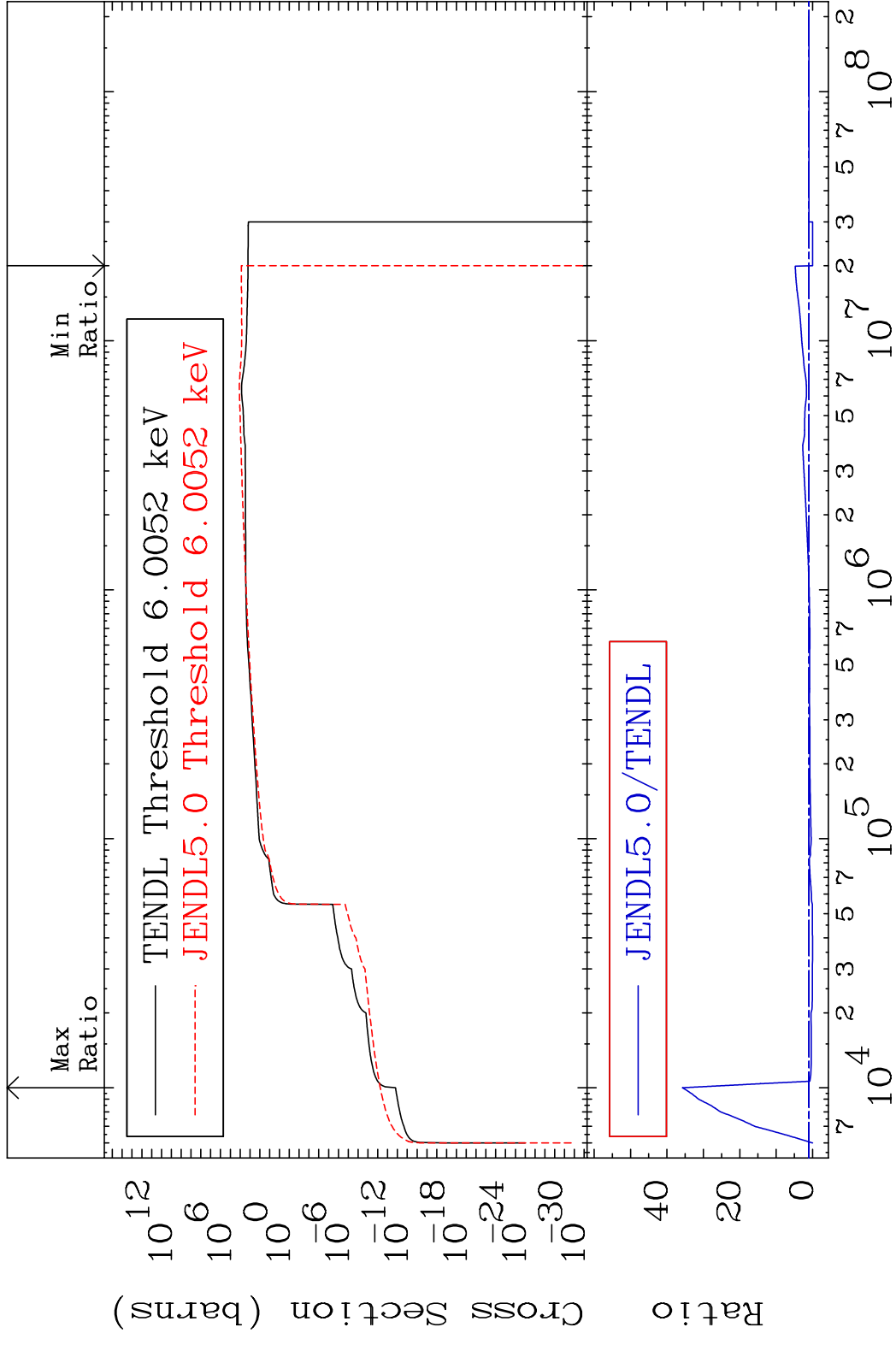
63

Incident Energy (eV)

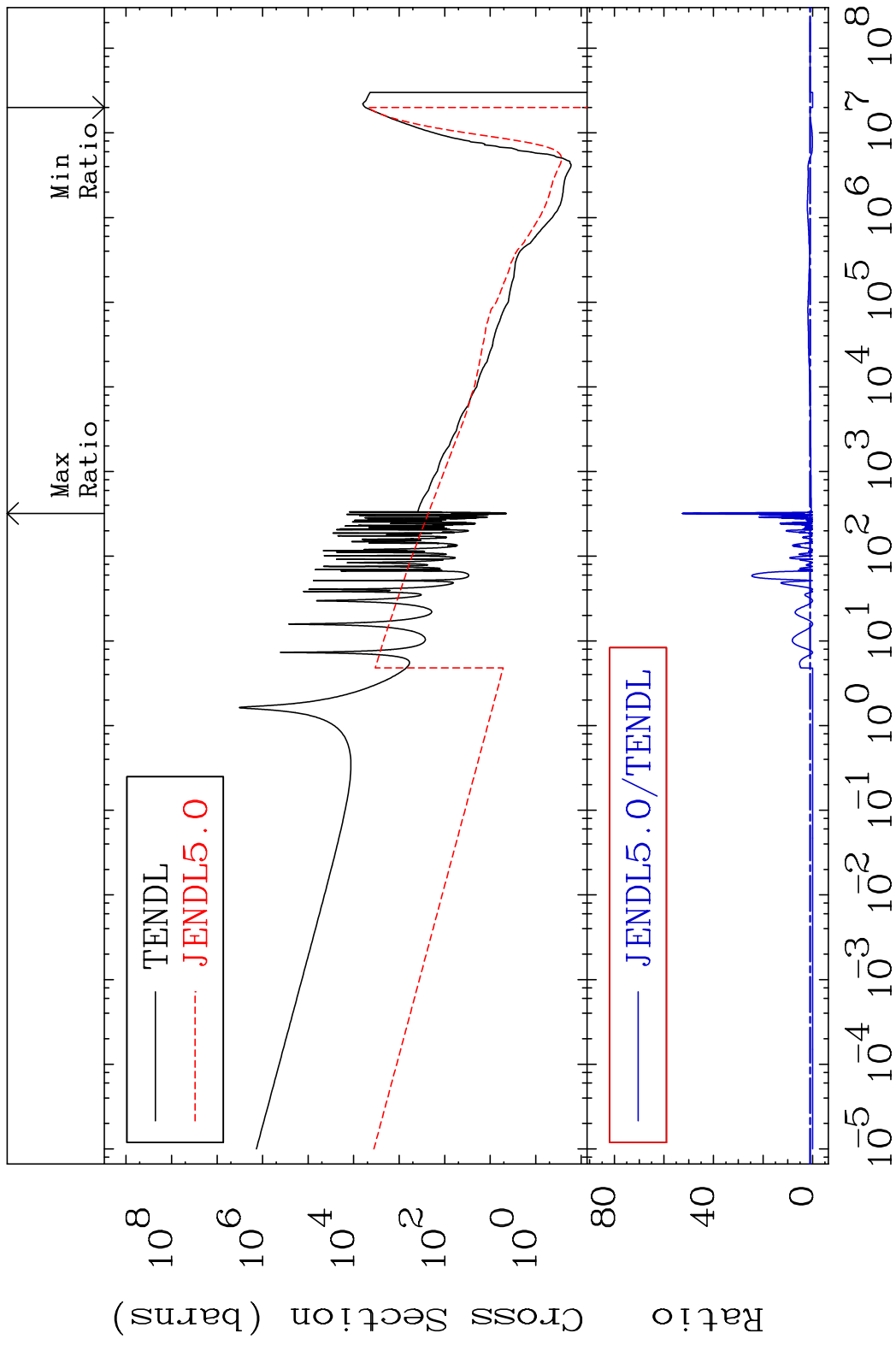
67-Ho-166

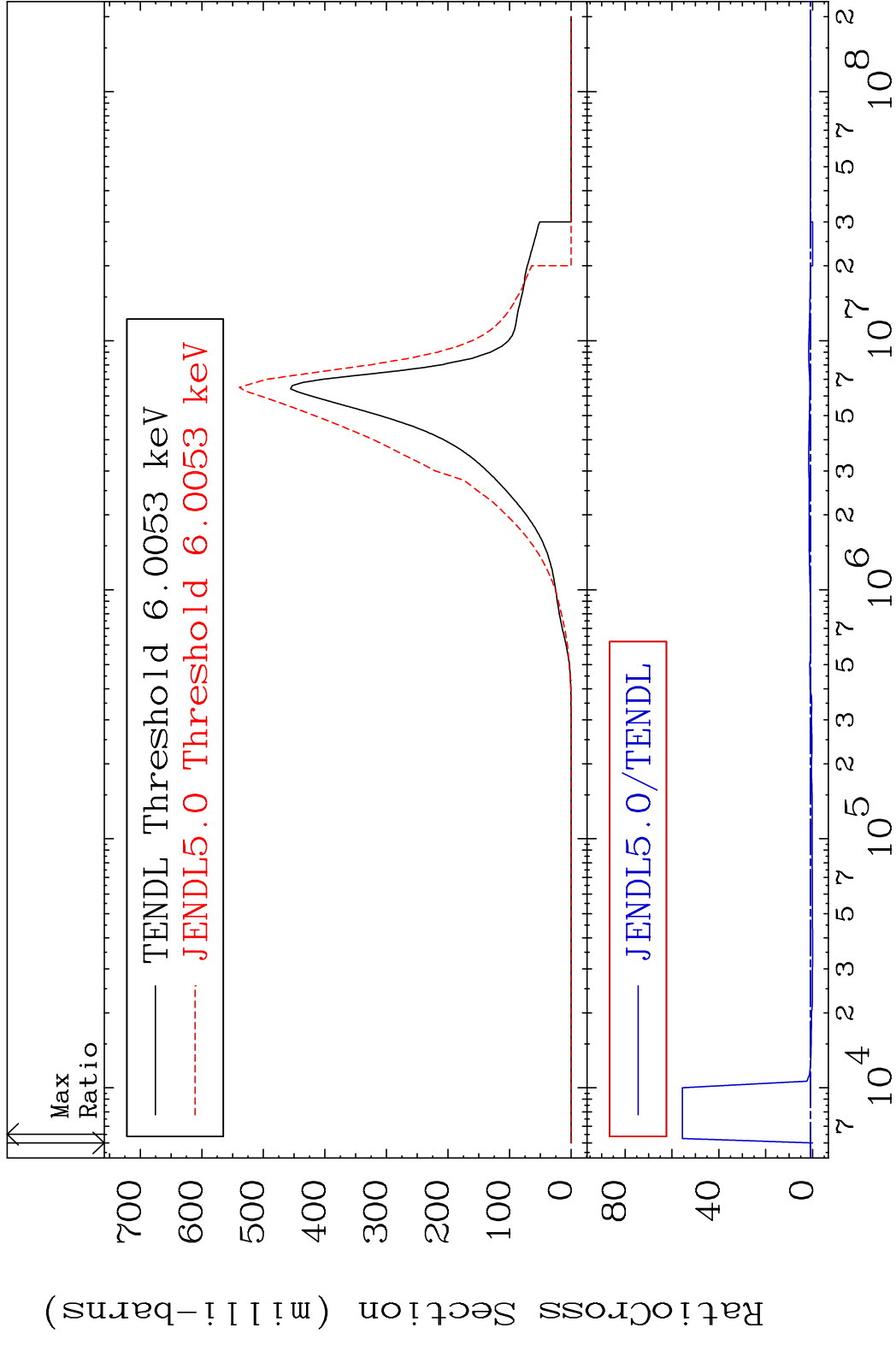


MAT 6728 Dpa inelastic (mt51-91) 67-Ho-166  
 Cross Section -100.0 To 3477. %

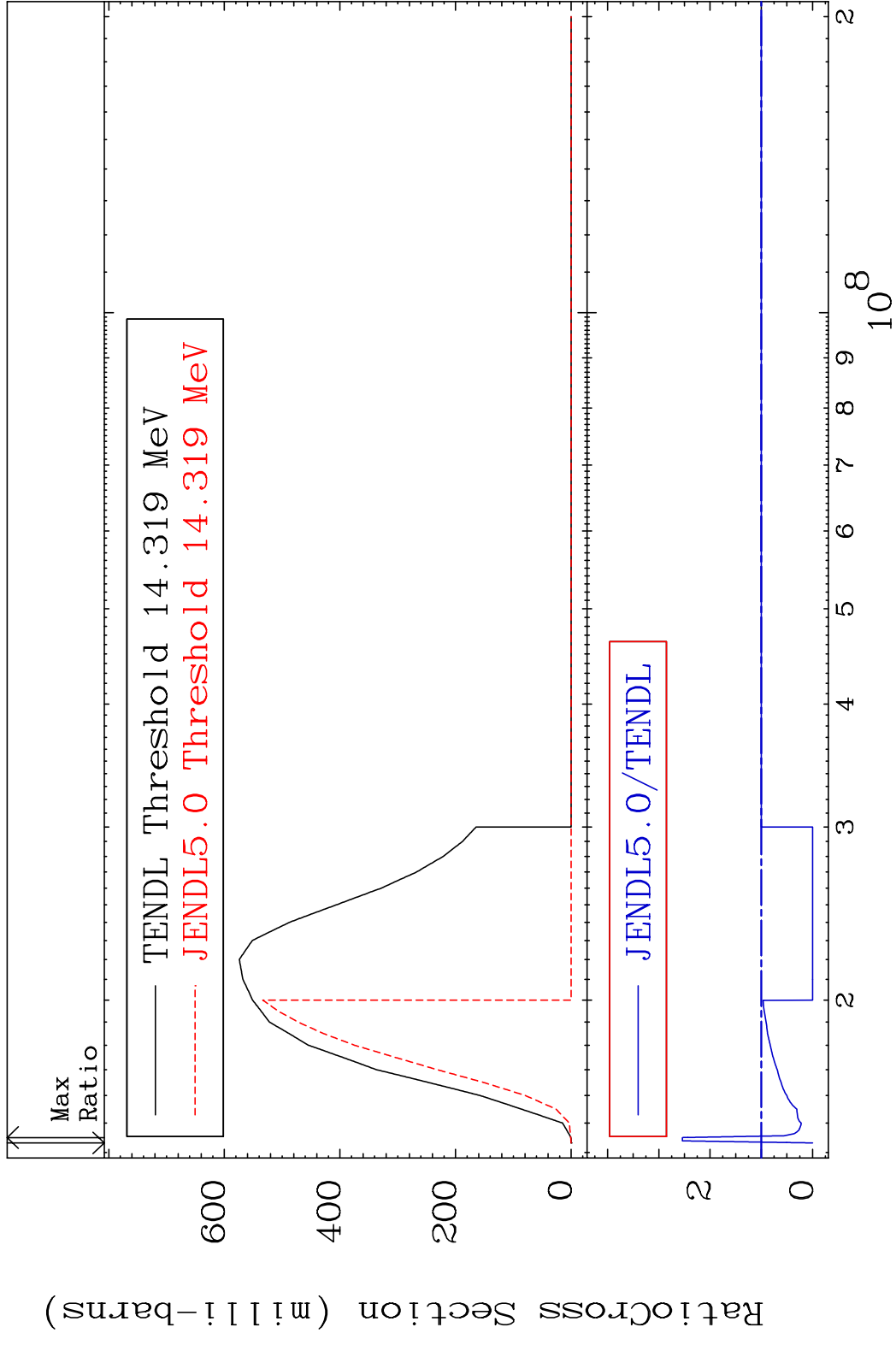


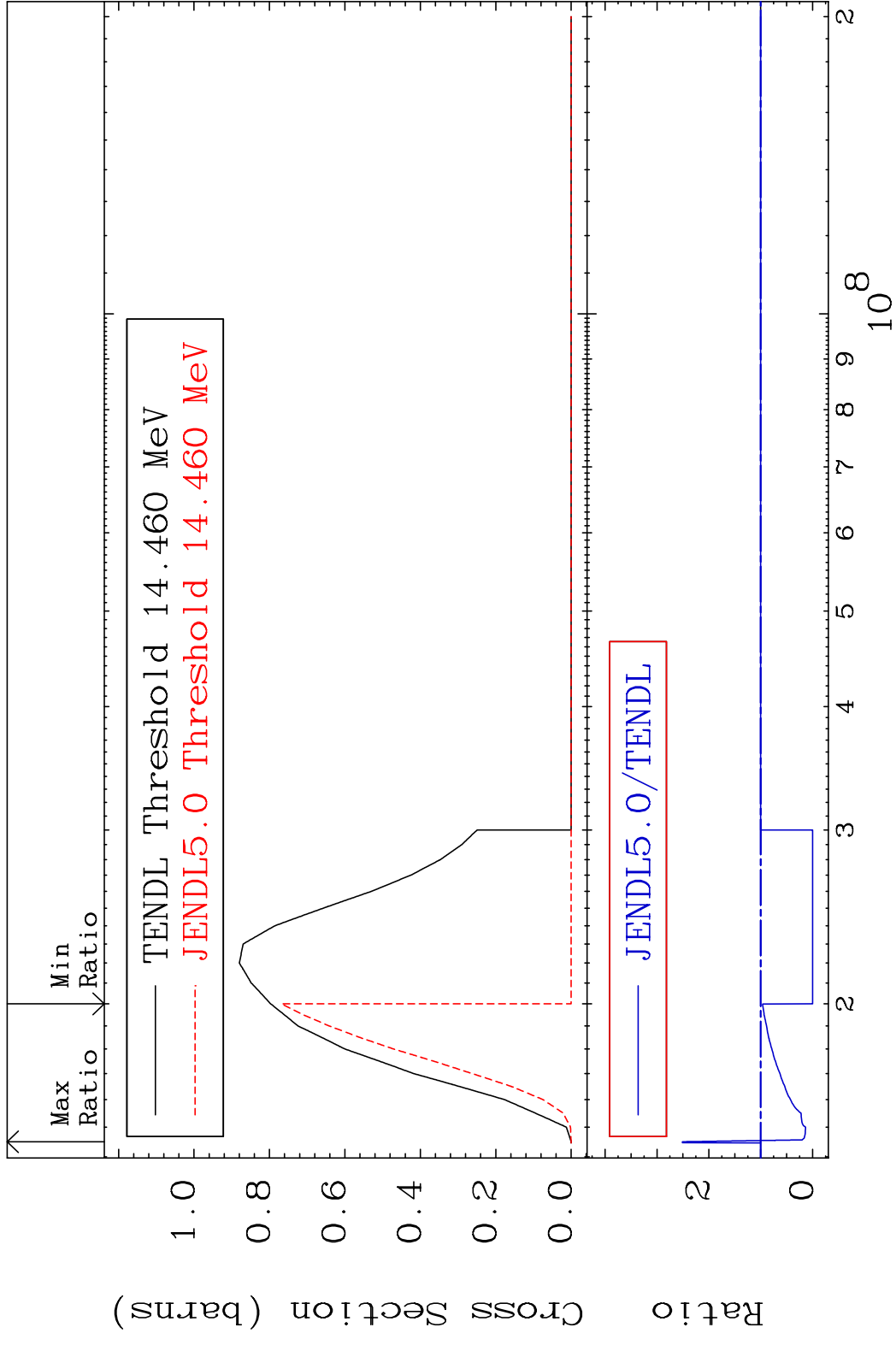
MAT 6728 Dpa disappearance (mt102 -120) 67-Ho-166  
 Cross Section -100.0 To 5157. %

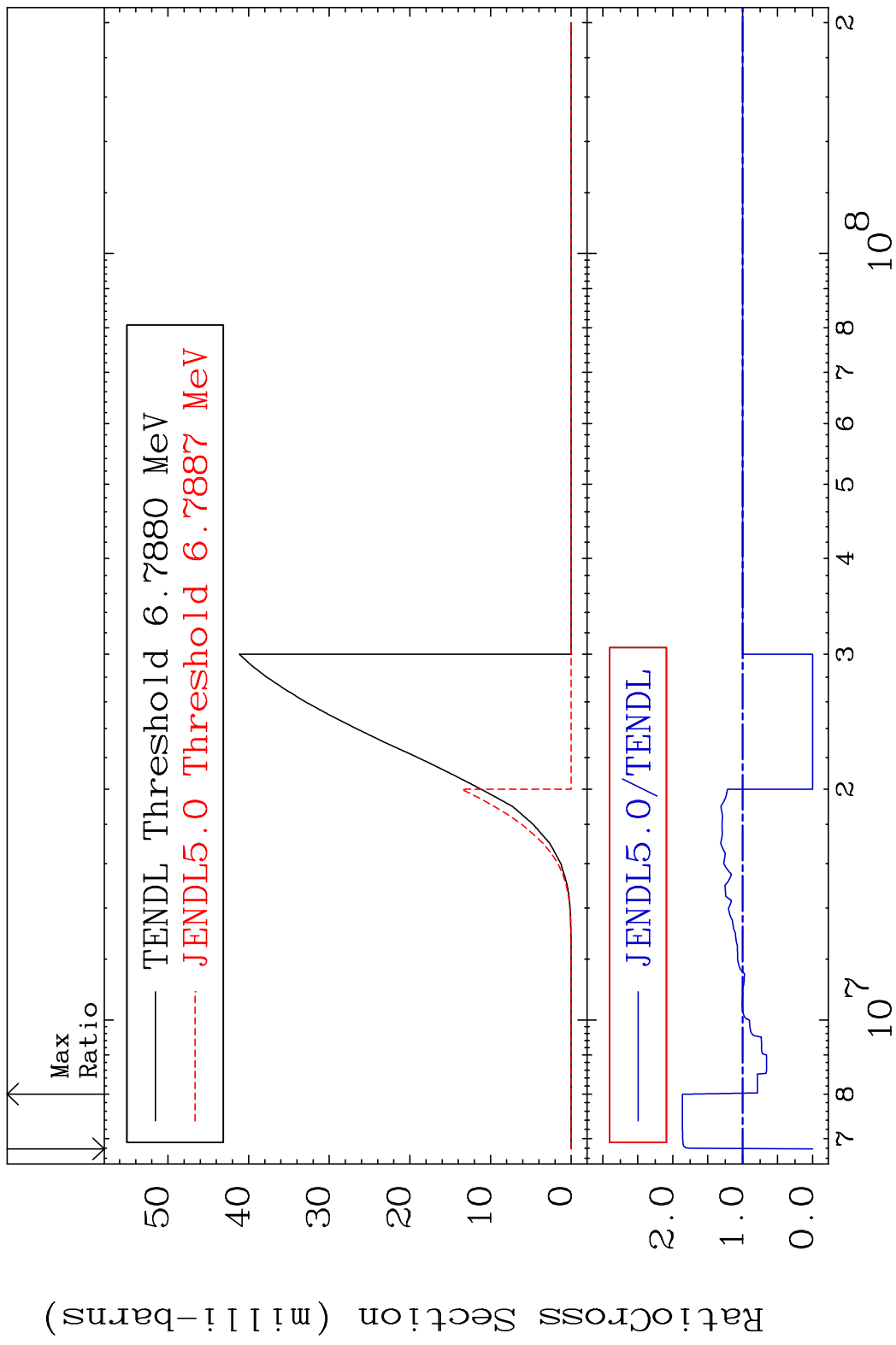




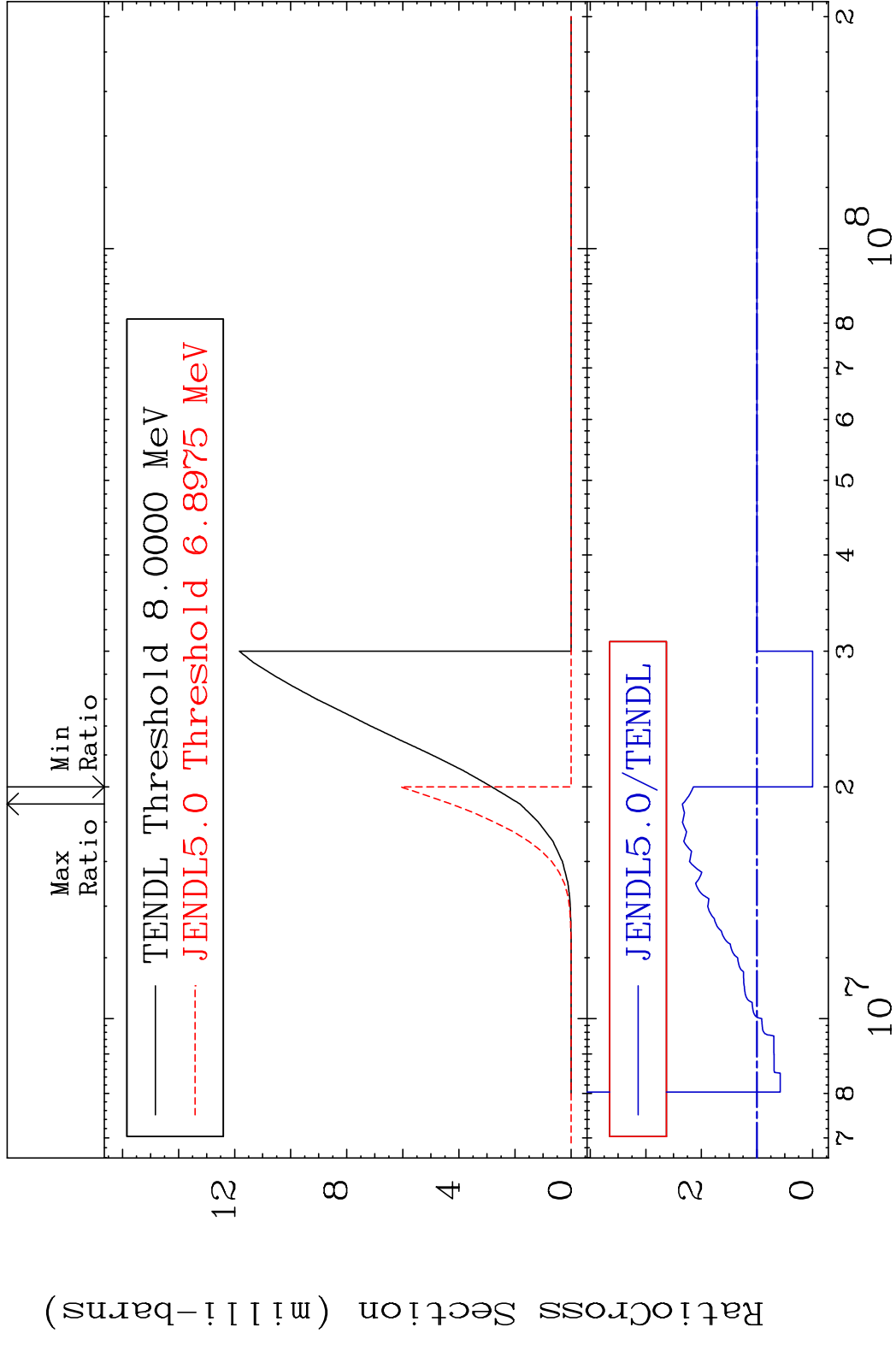
MAT 6728 (n,3n):67-Ho-164g 67-Ho-166  
 Radionuclide Production Cross Section 154.0 %







MAT 6728 (n, n') p:66-Dy-165m2 67-Ho-166  
 Radionuclide Production Cross Section 134.3 %



70 Incident Energy (eV) 67-Ho-166

